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**医療行為にかかわる分類の国際比較と
その改善や利用価値の向上に資する研究**

平成 28 年度 総括研究報告書

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医療行為にかかわる分類の国際比較とその改善や利用価値の向上に資する研究

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研究要旨：WHO は国際統計分類（WHO-FIC）の中心分類として、国際疾病分類（ICD）と国際生活機能分類（ICF）、医療行為の国際分類（ICHI）を設けている。ICHI は現在開発中であるが、WHO によって承認されると国際統計報告、診療報酬体系等を含め、幅広く影響を及ぼす可能性があり、ICHI 開発の情報収集・分析、国内意見の集約、ICHI 開発に対する体制作りが重要である。外保連手術試案と ICHI の分類コードは構造的に類似しており、コードの基本構造である操作対象部位と Target、基本操作と Action、手術部位へのアプローチ方法と Means のマッチングをおこなった。ICHI Target の身体部位から外保連コードの操作対象部位への対応率は 80%であった。ICHI Action の治療に係るコードから外保連コードの基本操作への対応率は 48%であった。また 7 桁コードにおける対応では、Interventions on the Digestive System（消化器系領域）において ICHI コードに対応できる外保連コードは 75%であった。Interventions on the Haematopoietic and Lymphatic System（血液リンパ系領域）において ICHI コードに対応できる外保連コードは 67%であった。

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発に対して提案するための体制作りを進めていくことが国内対応・国際貢献の両面から重要である。

研究代表者は ICHI 開発のための戦略的かつ技術的な情報を WHO に提供する ICHI Task Force に参画しており、ICHI 版の作成に向けて現在 ICHI 2015 版のレビューを行っている。

医科診療報酬点数表の外科手術等の評価にも用いられている外保連手術試案の分類コード（以下、外保連コード）は、ICHI における分類コード（以下、ICHI コード）と類似している。外保連手術試案と ICHI との整合性について具体的な対応表や分析結果を示すことで、我が国の知見を反映した ICHI 開発を行うことが可能となり、ICHI 承認後の円滑な国内対応が可能となることが期待できる。

A. 研究目的

WHO は国際統計分類（WHO-FIC）の中心分類として、国際疾病分類（ICD）と国際生活機能分類（ICF）、医療行為の国際分類（ICHI）を設けている。ICD、ICF は WHO によって承認され各国に使用の勧告がなされているが、ICHI については現在開発中である。ICHI が WHO によって承認されると、国際統計報告、診療報酬体系等を含め、幅広く影響を及ぼす可能性があり、我が国として ICHI 開発の情報収集・分析、国内意見の集約、ICHI 開

B. 研究方法

ICHI は 2015 版を、外保連手術試案は第 8.3 版（外保連試案 2016 年に掲載）を用いて比較対象とした。外保連コードが操作対象部位（3 桁）、基本操作（2 桁）、手術部位へのアプローチ方法（1 桁）、アプローチ補助器械（1 桁）の 4 つの基本構造、合計 7 桁コードからなるのに対して、ICHI コードは、Target（3 桁）、Action（2 桁）、Means（2 桁）の 3 つの基本構造、合計 7 桁コードからなっている（表 1）

表 1：基本構造のコード比較

外保連手術試案8.3版 外保連コード	ICHI 2015α版 ICHI コード
操作対象部位(3桁)	Target(3桁)
基本操作(2桁)	Action(2桁)
手術部位へのアプローチ 方法(1桁)	Means(2桁)
アプローチ補助器械 (1桁)	

外保連コードと ICHI コードについて 構成する基本構造の対応表作成、7 桁コードの比較と対応表作成、コード間の違いについて専門家によるレビューの実施、を行った。なおの 7 桁コードに比較については、2016 年 12 月 13 日の ICHI Task Force 遠隔会議で、研究代表者が担当する領域が「Interventions on the Digestive System（消化器系領域）」と「Interventions on the Haematopoietic and Lymphatic System（血液リンパ系領域）」に決められたため、研究計画では 1 年目に整形外科・消化器系領域の比較を行う予定であったが、整形領域を次年度とし、血液リンパ系領域を本年度に行うように変更した。

7 桁コードの比較は、ICHI コードの Target、Action を、対応表を用いて外保連コードの

操作対象部位、基本操作に変換し、対応件数とその比率を求めた。

C. 研究結果

外保連コードの操作対象部位 1,046 項目中 ICHI コードの Target に対応付けられた項目は 332（32%）であった。一方 ICHI Target 633 項目中、操作対象部位に対応付けられた項目は 251（40%）であった。ICHI Target には身体部位の他に医療行為の対象として身体機能・活動・環境・行動が含まれ、身体部位 320 項目のみに限れば、操作対象部位との対応率は 80%であった。

外保連コードの基本操作は 66 項目中、ICHI コードの Action に対応付けられた項目は 49（74%）であった。ICHI コードの Action は 130 項目であるが、治療に係るコードの他に診断・マネジメント・予防も含まれており、治療に係るコード 77 項目に限れば、基本操作との対応率は 48%であった。

外保連コードの手術部位へのアプローチ方法は 6 項目に分けられているのに対して、ICHI コードの Means は 54 項目であるが、このうち Approach に係わるコードは 12 項目で、これ以外に Technique に係わるコード 15 項目、Method に係わるコード 19 項目、Sample に係わるコード 7 項目、分類不能 1 項目も含まれている。外保連コードの「0 Open surgery」と ICHI コードの「AA Open approach」は 1 対 1 対応だが、外保連コードの「1 経皮的」が ICHI コードでは 5 件に細分化されている。

ICHI における Interventions on the Digestive System（消化器系領域）は 660 件の ICHI コードがある。これに対応できる外保連コードは 495 件（75%）であった。Interventions on the Digestive System は、6 つの Target

Groupに分けられ、各グループの対応件数、対応比率は表2のとおりであった。

表2：ICHIコード（消化器系領域）の外保連コードへの対応件数と比率

Target Group	Target Group Title	ICHIコード件数	外保連コードへの対応件数	外保連コードへの対応比率
KA	Mouth and pharynx	151	132	87%
KB	Gastrointestinal tract	248	199	80%
KC	Hepatic and biliary structures	151	125	83%
KM	Peritoneum	46	28	61%
KT	Functions of digestive system	41	0	0%
KZ	Digestive System, unspecified	23	11	48%
合計		660	495	75%

ICHIにおけるInterventions on the Haematopoietic and Lymphatic System(血液リンパ系領域)は145件のICHIコードがある。これに対応できる外保連コードは97件(67%)であった。Interventions on the Haematopoietic and Lymphatic Systemは、8つのTarget Groupに分けられ、各グループの対応件数、対応比率は表3のとおりであった。

表3：ICHIコード（血液リンパ系領域）の外保連コードへの対応件数と比率

Target Group	Target Group Title	ICHIコード件数	外保連コードへの対応件数	外保連コードへの対応比率
DA	Tonsil, Adenoid	19	17	89%
DB	Thymus	9	8	89%
DF	Lymphatic system	64	55	86%
DG	Bone marrow	6	3	50%
DI	Blood	6	1	17%
DJ	Spleen	15	13	87%
DT	Functions of haematopoietic and reticuloendothelial system	25	0	0%
DZ	Haematopoietic and reticuloendothelial system, unspecified	1	0	0%
合計		145	97	67%

D. 考察

外保連コードの操作対象部位をICHIコードのTargetに対応付けが可能である割合は32%と低い。これは外保連コードの操作対象部位がより精緻化した分類であることが理由である。一方ICHI Targetの身体部位に限れば、外保連コードの操作対象部位との対応率は80%であり、ICHIコードを外保連コードに対応する際に、比較的高い割合で対応が可能である。

外保連コードの基本操作をICHIコードのActionに対応付けが可能である割合は74%と高いが、ICHIコードのActionを外保連コードの基本操作に対応付けが可能である割合は治療に係るコード77項目に限っても48%と低い。これはActionの治療に係るコードには、手術以外の項目、たとえば栄養や薬剤投与、輸液、麻酔、教育、カウンセリング、精神療法などが含まれているためである。現在外保連手術委員会では外保連手術コードの基本操作についてICHIコードのActionの考え方をとりいれ、見直しを行っている。新基本操作(案)は66項目から23項目に変更、全手術に新基本操作(案)を振り分け、新基本操作(案)が妥当かの確認中である。

7桁コードにおける対応ではInterventions on the Digestive System(消化器系領域)においてICHIコードから外保連コードへの対応が可能であった割合は67%であった。口腔と咽頭が87%、消化管が80%、肝胆道が83%と高い対応比率であったが、100%に近づかない理由は、ICHI Actionには診断やマネージメント、予防の項目が含まれており、これに対応するコードが外保連手術試案にないためである。またこれら

の項目のいくつかは外保連処置試案や生体検査試案、麻酔試案に掲載されており、今後は他の外保連試案にまで広げて検討したいと考えている。消化器系の機能は 0%であったが、これは外保連試案には臓器の機能に関する医療行為の項目はなく、どのように扱っていくかも今後の課題である。

Interventions on the Haematopoietic and Lymphatic System (血液リンパ系領域)では ICHI コードから外保連コードへの対応が可能であった割合は 67%であった。扁桃腺、アデノイドが 89%、胸腺が 89%、リンパ系が 86%、脾臓が 87%と高い対応率であった。一方骨髄が 50%、血液が 17%と低いが、これに対応するコードは外保連手術試案でなく生体検査試案にあるためである。こちらも他の外保連試案にまで広げて検討したいと考えている。

E. 結論

外保連手術試案と ICHI の分類コードは構造的に類似しており、コードの基本構造のマッチングでは、ICHI Target の身体部位から外保連コードの操作対象部位への対応率は 80%と高かったが、ICHI Action の治療に係るコードから外保連コードの基本操作への対応率は 48%と低かった。

また 7 桁コードにおける対応では、Interventions on the Digestive System (消化器系領域)において ICHI コードに対応できる外保連コードは 75%であったが、Interventions on the Haematopoietic and Lymphatic System (血液リンパ系領域)では ICHI コードに対応できる外保連コードは 67%であった。

対応率が 100%に近づかない理由は、ICHI の Action には診断やマネージメント、

予防の項目が含まれており、これに対応するコードが外保連手術試案にないためである。今後は他の外保連試案にまで広げて検討したいと考えている。

F. 健康危険情報

特記事項なし。

G. 研究発表

現在までのところ予定されていない。

H. 知的財産権の出願・登録状況

特記事項なし

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研究報告

医療行為にかかわる分類の国際比較とその改善や利用価値の 向上に資する研究



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WHO国際統計分類ファミリー

関連分類

- ・プライマリケアに対する国際分類 (ICPC 2)
- ・外因に対する国際分類 (ICECI)
- ・解剖・治療の見地から見た化学物質分類システム (ATC) / 1日使用薬剤容量 (DDD)
- ・障害者のためのテクニカルエイドの分類 (ISO9999)
- ・看護の分類 (ICNP)

中心分類

- ・国際疾病分類 (ICD)
- ・国際生活機能分類 (ICF)
- ・医療行為の国際分類 (ICHI) International Classification of Health Interventions
- ... 開発中

派生分類

- ・国際疾病分類－腫瘍学第3版 (ICD-O-3)
- ・ICD-10精神および行動の障害に関する分類
- ・国際疾病分類－歯科学及び口腔科学への適用第3版 (ICD-DA)
- ・国際疾病分類－神経疾患への適用第8版 (ICD-10-NA)
- ・国際生活機能分類－児童版 (ICF-CY)

ICHI開発に係る国際会議(2016年度)

1. 国際分類ファミリー拡張委員会 (FDC) 中間年次会議(5月3～6日、コネリアーノ)
2. WHO-FIC年次会議(10月8～14日、東京)
 - ・ICHI Task Force が設置され、川瀬弘一がTask Forceメンバーとして承認
3. ICHI Task Force遠隔会議(12月13日)

研究目的

ICHIがWHOによって承認されると、国際統計報告、診療報酬体系等を含め、幅広く影響を及ぼす可能性がある

我が国としてICHI開発の情報収集・分析、国内意見の集約、ICHI開発に対して提案するための体制作りが国内対応・国際貢献の両面から重要

	医科点数表	外保連手術試案8.3版 (外保連試案2016年)	ICHI 2015α版
基本理念	報酬点数表の診療行為にふられたコード ・Jコード:処置コード ・Kコード:手術コード	外科系診療における診療報酬はどうあるべきかを学術的に検討	WHOにより提唱され、開発中の医療行為に係る分類体系
項目数	約2,300	2,003件(コード数) ・術式数は3,386件	約5300件
基本構造	4桁コード ・診療行為(大別) (アルファベット1桁) ・診療行為(細目) (3桁の数字+α)	7桁コード ・操作対象部位(3桁) ・基本操作(2桁) ・手術部位へのアプローチ方法(1桁) ・アプローチ補助器械(1桁)	7桁コード ・Target(3桁) ・Action(2桁) ・Means(2桁)

研究結果 コードを構成する基本構造の比較

外保連手術コード:操作対象部位(3桁)	ICHIコード:Target(3桁)
・コード数:1046項目 治療に係るコードのみ	・コード数:633項目 身体機能・活動・環境・行動も含まれている 身体部位に係るコード:320項目

ICHI Targetの身体部位から外保連コードの操作対象部位への対応率は80%

外保連手術コード:基本操作(2桁)	ICHIコード:Action(2桁)
・コード数:66項目 治療に係るコードのみ	・コード数:135項目 治療・診断・マネジメント・予防も含まれている 治療に係るコード:77項目



ICHI Actionの治療に係るコードから外保連コードの基本操作への対応率は48%

外保連手術委員会で、外保連コードの基本操作を修正中
ICHI Actionの考え方も取り入れ、新基本操作(案)23項目に変更

研究結果 7桁コードの比較

Interventions on the Digestive System

Target Group	Target Group Title	ICHIコード 件数	外保連 コードへの 対応件数	外保連 コードへの 対応比率
KA	Mouth and pharynx	151	132	87%
KB	Gastrointestinal tract	248	199	80%
KC	Hepatic and biliary structures	151	125	83%
KM	Peritoneum	46	28	61%
KT	Functions of digestive system	41	0	0%
KZ	Digestive System, unspecified	23	11	48%
合計		660	495	75%

消化器領域660件のICHIコードに対して、対応できる外保連手術コードは495件(75%)

研究結果 7桁コードの比較

Interventions on the Haematopoietic and Lymphatic System

Target Group	Target Group Title	ICHIコード 件数	外保連 コードへの 対応件数	外保連 コードへの 対応比率
DA	Tonsil, Adenoid	19	17	89%
DB	Thymus	9	8	89%
DF	Lymphatic system	64	55	86%
DG	Bone marrow	6	3	50%
DI	Blood	6	1	17%
DJ	Spleen	15	13	87%
DT	Functions of haematopoietic and reticuloendothelial system	25	0	0%
DZ	Haematopoietic and reticulo-endothelial system, unspecified	1	0	0%
合計		145	97	67%

血液リンパ領域145件のICHIコードに対して、対応できる外保連手術コードは97件(67%)

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
AA	Brain	AAA	Brain (Encephalon)	D20	脳・髄膜
AA	Brain	AAC	Intracranial meninge	D20	脳・髄膜
AA	Brain	AAE	Ventricular system of brain	D2K	脳室
AA	Brain	AAG	Intracranial Space	D2J	頭蓋内腔
AA	Brain	AAN	Cranial nerve	D31	脳神経
AB	Spinal cord structures	ABA	Spinal cord	E11	脊髄
AB	Spinal cord structures	ABC	Spinal meninges	E14	くも膜、軟膜、硬膜
AB	Spinal cord structures	ABG	Spinal cavity	E12	くも膜下腔
AB	Spinal cord structures	ABN	Spinal nerve	E15	頸髄
AB	Spinal cord structures	ABN	Spinal nerve	E16	胸髄
AB	Spinal cord structures	ABN	Spinal nerve	E17	腰髄
AC	Peripheral Nervous System	ACA	Peripheral nervous system, not otherwise specified	B14	末梢神経
AD	Sympathetic Nervous System	ADA	Sympathetic nervous system, not elsewhere classified	E1A	交感神経
AD	Sympathetic Nervous System	ADB	Sympathetic nervous system,	E1B	頸部交感神経
AD	Sympathetic Nervous System	ADC	Sympathetic nervous system,	E1C	胸部交換神経
AD	Sympathetic Nervous System	ADD	Sympathetic nervous system, lumbar	E1D	腰部交換神経
AD	Sympathetic Nervous System	ADE	Sympathetic nervous system, sacral		
AE	Parasympathetic Nervous System	AEA	Parasympathetic nervous system	E1E	副交感神経
AT	Mental Functions	ATA	Mental function		
AT	Mental Functions	ATB	Global mental function		
AT	Mental Functions	ATC	Consciousness function		
AT	Mental Functions	ATD	Orientation function		
AT	Mental Functions	ATE	Intellectual function		
AT	Mental Functions	ATF	Global psychosocial function		
AT	Mental Functions	ATG	Temperament and personality		
AT	Mental Functions	ATH	Energy and drive functions		
AT	Mental Functions	ATI	Energy function		
AT	Mental Functions	ATJ	Drive function		
AT	Mental Functions	ATK	Sleep function		
AT	Mental Functions	ATL	Specific mental function		
AT	Mental Functions	ATM	Attention function		
AT	Mental Functions	ATN	Memory function		
AT	Mental Functions	ATO	Psychomotor function		
AT	Mental Functions	ATP	Emotional function		
AT	Mental Functions	ATQ	Perceptual function		
AT	Mental Functions	ATR	Thought function		
AT	Mental Functions	ATS	Higher-level cognitive function		
AT	Mental Functions	ATT	Mental function of language		
AT	Mental Functions	ATU	Calculation function		
AT	Mental Functions	ATV	Mental function of sequencing complex movements		
AT	Mental Functions	ATW	Experience of self and time function		
AU	Sensory functions	AUA	Additional sensory function		
AU	Sensory functions	AUC	Taste function		
AU	Sensory functions	AUE	Smell function		
AU	Sensory functions	AUG	Proprioceptive function		
AU	Sensory functions	AUI	Touch function		
AU	Sensory functions	AUL	Sensory function related to temperature and other stimuli		
AV	Pain	AVA	Sensation of pain		
AV	Pain	AVZ	Sensory function and pain		
AZ	Nervous System, unspecified	AZZ	Nervous System, not otherwise specified	E1G	その他の神経および神経関連組織
BA	Eyelid, lacrimal system, orbit	BAA	Eyelid	D46	眼瞼
BA	Eyelid, lacrimal system, orbit	BAD	Lacrimal apparatus	D48	涙器
BA	Eyelid, lacrimal system, orbit	BAM	Orbit	D41	眼窩

(別表A) ICHI Target ➡ 外保連コード 操作対象部位(8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
BB	Eye, anterior segment structures	BBA	Conjunctiva		
BB	Eye, anterior segment structures	BBB	Cornea		
BB	Eye, anterior segment structures	BBC	Iris		
BB	Eye, anterior segment structures	BBD	Ciliary Body		
BB	Eye, anterior segment structures	BBE	Anterior chamber of eye		
BB	Eye, anterior segment structures	BBF	Lens	D4E	水晶体
BC	Eye, posterior segment structures	BCA	Posterior segment of eyeball, not otherwise specified		
BC	Eye, posterior segment structures	BCB	Sclera	D4H	強膜
BC	Eye, posterior segment structures	BCC	Retina	D4G	網膜
BC	Eye, posterior segment structures	BCD	Vitreous body	D4F	硝子体
BD	Ocular muscles	BDA	Extraocular muscle	D45	眼筋
BT	Eye, function	BTA	Seeing and related function		
BT	Eye, function	BTB	Seeing function		
BT	Eye, function	BTF	Function of structure adjoining the eye		
BT	Eye, function	BTK	Sensation associated with the eye and adjoining structure		
BZ	Seeing and eye(ball), unspecified	BZA	Eyeball	D4B	眼球
BZ	Seeing and eye(ball), unspecified	BZZ	Eye (orbital region), not otherwise specified		
CA	External ear	CAA	External ear	D52	外耳
CA	External ear	CAC	Auricle	D53	耳介
CA	External ear	CAE	External auditory canal	D54	外耳道
CB	Middle ear	CBA	Middle ear	D57	鼓室・中耳
CB	Middle ear	CBB	Tympanic membrane	D56	鼓膜
CB	Middle ear	CBC	Stapes	D58	耳小骨
CB	Middle ear	CBF	Auditory ossicle, not elsewhere classified	D58	耳小骨
CB	Middle ear	CBH	Eustachian tube	D5B	耳管
CC	Internal ear	CCA	Internal ear, not elsewhere classified		
CC	Internal ear	CCB	Cochlea	D5H	蝸牛
CD	Mastoid	CDA	Mastoid sinus	D5N	乳様突起
CT	Ear functions	CTA	Hearing and vestibular function		
CT	Ear functions	CTB	Hearing function		
CT	Ear functions	CTE	Vestibular function		
CT	Ear functions	CTK	Sensation associated with hearing and vestibular function		
CZ	Hearing and ear, unspecified	CZZ	Ear, not otherwise specified		
DA	Tonsil, Adenoid	DAA	Palatine and pharyngeal tonsil	D7M	扁桃
DA	Tonsil, Adenoid	DAB	Adenoid	D7N	アデノイド
DB	Thymus	DBA	Thymus	P44	胸腺
DF	Lymphatic system	DFA	Lymph node, not otherwise specified	V11	リンパ管・リンパ節
DF	Lymphatic system	DFB	Lymph node of neck	V21	頸部リンパ節
DF	Lymphatic system	DFC	Lymph node of axilla	V5A	腋窩リンパ節
DF	Lymphatic system	DFE	Lymph node of mediastinum	V42	縦隔リンパ節
DF	Lymphatic system	DFM	Inguinal lymph node	VA7	鼠径リンパ節
DF	Lymphatic system	DFO	Lymphatic vessel	VV1	リンパ管
DF	Lymphatic system	DFP	Thoracic duct	VV2	胸管

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
DF	Lymphatic system	DFZ	Lymphatic structure, not otherwise specified	VX1	その他(リンパ管・リンパ節)
DG	Bone marrow	DGA	Bone marrow	Y12	骨髄
DI	Blood	DIA	Blood	Y11	造血組織・血液
DJ	Spleen	DJA	Spleen	Q99	脾臓
DT	Functions of haematopoietic and reticuloendothelial	DTA	Haematological system function	なし	
DT	Functions of haematopoietic and reticuloendothelial	DTB	Immunological system function	なし	
DZ	Haematopoietic and reticuloendothelial system, unspecified	DZZ	Haematopoietic and reticuloendothelial system, not otherwise specified	なし	
EA	Cerebral endocrine structures	EAA	Pituitary gland	D2B	下垂体
EA	Cerebral endocrine structures	EAB	Pineal body	D2C	松果体
EB	Peripheral endocrine structures	EBA	Thyroid gland	D8B	甲状腺
EB	Peripheral endocrine structures	EBB	Parathyroid gland	D8C	副甲状腺
EB	Peripheral endocrine structures	EBC	Adrenal gland	S11	副腎
EB	Peripheral endocrine structures	EBD	Endocrine pancreas (islets of Langerhans)	Q92	膵臓
EB	Peripheral endocrine structures	EBE	Paraganglion		
ET	Metabolic and endocrine functions	ETA	Function related to the metabolic and the endocrine system		
ET	Metabolic and endocrine functions	ETB	General metabolic function		
ET	Metabolic and endocrine functions	ETE	Water, mineral and electrolyte balance function		
ET	Metabolic and endocrine functions	ETG	Thermoregulatory function		
ET	Metabolic and endocrine functions	ETK	Endocrine gland function		
EZ	Endocrine System, unspecified	EZZ	Endocrine system, not otherwise specified		
HA	Heart, atrium	HAA	Left cardiac atrium	N1G	左心室
HA	Heart, atrium	HAB	Right cardiac atrium	N1F	右心室
HA	Heart, atrium	HAD	Atrial septum	N17	心室中隔
HA	Heart, atrium	HAZ	Cardiac atrium, not otherwise specified		
HB	Heart, ventricle	HBA	Left cardiac ventricle	N1C	左房・左心耳
HB	Heart, ventricle	HBB	Right cardiac ventricle	N1B	右房・右心耳
HB	Heart, ventricle	HBD	Ventricular septum	N16	心房中隔
HB	Heart, ventricle	HBZ	Cardiac ventricle, not otherwise specified		
HD	Heart valves	HDE	Aortic valve	N1M	大動脈弁(右冠尖・左冠尖・無冠尖)・弁輪
HD	Heart valves	HDF	Mitral valve	N1L	僧帽弁(前尖・後尖)・弁輪
HD	Heart valves	HDG	Pulmonary valve	N1K	肺動脈弁
HD	Heart valves	HDH	Tricuspid valve	N1J	三尖弁(前尖・後尖・中隔尖)
HF	Endocardium, Pericardium, Myocardium	HFA	Endocardium, not otherwise specified	N14	心内膜
HF	Endocardium, Pericardium, Myocardium	HFB	Cardiac septum, not otherwise specified	N18	心房中隔および心室中隔
HF	Endocardium, Pericardium, Myocardium	HFC	Conducting system of heart	N1E	刺激伝導路

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
HF	Endocardium, Pericardium, Myocardium	HFD	Myocardium, not otherwise specified	N12	心筋
HF	Endocardium, Pericardium, Myocardium	HFE	Cardiac valve, not otherwise specified	N1H	心臓弁
HF	Endocardium, Pericardium, Myocardium	HFF	Pericardium	N13	心外膜
HI	Coronary arteries and great vessels	HIA	Coronary artery	T32	冠動脈
HI	Coronary arteries and great vessels	HIB	Pulmonary vessel	T46	肺静脈
HI	Coronary arteries and great vessels	HIB	Pulmonary vessel	T41	肺動脈
HI	Coronary arteries and great vessels	HIC	Vena cava	T61	大静脈
HI	Coronary arteries and great vessels	HIG	Aorta, thoracic	T54	胸部大動脈
HI	Coronary arteries and great vessels	HIH	Aorta, abdominal	T55	胸腹部大動脈
HI	Coronary arteries and great vessels	HII	Aorta, not otherwise specified	T53	大動脈
HT	Functions of heart and cardiovascular system, unspecified	HTA	Function of the cardiovascular system		
HT	Functions of heart and cardiovascular system, unspecified	HTB	Heart function		
HT	Functions of heart and cardiovascular system, unspecified	HTC	Blood supply to the heart		
HT	Functions of heart and cardiovascular system, unspecified	HTG	Heart rhythm		
HT	Functions of heart and cardiovascular system, unspecified	HTK	Contraction force of ventricular muscle		
HT	Functions of heart and cardiovascular system, unspecified	HTM	Exercise tolerance function		
HT	Functions of heart and cardiovascular system, unspecified	HTR	Heart rate		
HZ	Heart, unspecified	HZA	Left heart		
HZ	Heart, unspecified	HZB	Right heart		
HZ	Heart, unspecified	HZZ	Entire heart, heart or great vessel, not otherwise specified	N11	心臓
IA	Cerebral vessels	IAA	Intracranial artery	T12	脳の動脈
IA	Cerebral vessels	IAD	Intracranial vein		
IB	Vessels of head and neck	IBA	Artery of head and neck, extracranial or not otherwise specified	T13	脳の動脈(頸部)
IB	Vessels of head and neck	IBB	Carotid artery, extracranial	T22	外頸動脈
IB	Vessels of head and neck	IBD	Vein of head and neck, extracranial or not otherwise specified	T2F	頭部顔面静脈
IC	Vessels of upper limb	ICA	Artery of upper limb	TD2	上肢の動脈
IC	Vessels of upper limb	ICD	Vein of upper limb	TE2	上肢の静脈
ID	Vessels of thorax	IDA	Artery of thorax, not elsewhere classified	T51	胸部の血管(心肺を除く)
ID	Vessels of thorax	IDB	Vein of thorax, not elsewhere classified	T51	胸部の血管(心肺を除く)
IE	Abdominal vessels	IEA	Abdominal or pelvic artery	T71	腹部の血管
IE	Abdominal vessels	IED	Abdominal or pelvic vein	T71	腹部の血管

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
IE	Abdominal vessels	IEF	Portal vein and branches	TA3	門脈の枝
IE	Abdominal vessels	IEF	Portal vein and branches	TA2	主門脈
IF	Vessels of lower limb	IFA	Artery of lower limb	TDC	下肢の動脈
IF	Vessels of lower limb	IFD	Vein of lower limb	TE8	下肢の静脈
IT	Vessel functions	ITA	Blood pressure function		
IT	Vessel functions	ITB	Blood vessel function		
IZ	Vessels unspecified	IZA	Artery, other or not otherwise specified	TF3	動脈
IZ	Vessels unspecified	IZD	Vein, other or not otherwise specified	TF4	静脈
IZ	Vessels unspecified	IZZ	Blood vessel, not otherwise specified	T11	血管
JA	Upper respiratory tract	JAA	Nose	D61	鼻
JA	Upper respiratory tract	JAB	Nasal septum	D63	鼻中隔
JA	Upper respiratory tract	JAC	Turbinate	D64	鼻甲介・後鼻孔・鼻孔
JA	Upper respiratory tract	JAE	Paranasal sinus, not otherwise specified		
JA	Upper respiratory tract	JAF	Maxillary sinus	D68	上顎洞
JA	Upper respiratory tract	JAG	Frontal sinus	D66	前頭洞
JA	Upper respiratory tract	JAH	Ethmoid sinus	D67	篩骨洞
JA	Upper respiratory tract	JAI	Sphenoid sinus	D69	蝶形骨洞
JA	Upper respiratory tract	JAM	Nasal pharynx	D7F	上咽頭
JA	Upper respiratory tract	JAN	Larynx and epiglottis	D84	喉頭蓋
JA	Upper respiratory tract	JAN	Larynx and epiglottis	D83	喉頭
JB	Lower respiratory tract	JBA	Trachea	P32	気管
JB	Lower respiratory tract	JBB	Bronchus	P35	気管支
JB	Lower respiratory tract	JBF	Lung	P21	肺
JC	Pleura and thoracic spaces	JCA	Pleura	P13	胸膜(横隔膜上面含む)
JC	Pleura and thoracic spaces	JCB	Pleural cavity	P12	胸腔内
JC	Pleura and thoracic spaces	JCG	Mediastinal space	P41	縦隔
JC	Pleura and thoracic spaces	JCH	Thoracic cavity	P12	胸腔内
JT	Function of respiratory	JTA	Function of the respiratory system		
JT	Function of respiratory	JTB	Respiration function		
JT	Function of respiratory	JTC	Respiratory muscle function		
JT	Function of respiratory	JTG	Additional respiratory function		
JZ	Respiration and respiratory system, unspecified	JZZ	Respiratory system, not otherwise specified		
KA	Mouth and pharynx	KAA	Lip	D73	口唇
KA	Mouth and pharynx	KAB	Tongue	D7D	舌
KA	Mouth and pharynx	KAE	Teeth	D7C	歯
KA	Mouth and pharynx	KAG	Gums	D79	歯肉
KA	Mouth and pharynx	KAL	Parotid gland	D7E	唾液腺
KA	Mouth and pharynx	KAM	Salivary gland	D7E	唾液腺
KA	Mouth and pharynx	KAR	Oral pharynx	D7J	咽頭・軟口蓋
KA	Mouth and pharynx	KAS	Soft palate or palate, not otherwise specified	D7J	咽頭・軟口蓋
KA	Mouth and pharynx	KAT	Hard palate	D71	口蓋
KA	Mouth and pharynx	KAZ	Oral cavity	D7K	口腔
KB	Gastrointestinal tract	KBA	Esophagus	Q12	食道
KB	Gastrointestinal tract	KBE	Gastroesophageal junction	Q16	胃食道接合部
KB	Gastrointestinal tract	KBF	Stomach	Q21	胃
KB	Gastrointestinal tract	KBI	Duodenum	Q31	十二指腸
KB	Gastrointestinal tract	KBK	Small intestine	Q41	小腸
KB	Gastrointestinal tract	KBO	Appendix	Q52	虫垂
KB	Gastrointestinal tract	KBP	Colon	Q54	結腸
KB	Gastrointestinal tract	KBU	Sigmoid colon	Q58	S状結腸
KB	Gastrointestinal tract	KBW	Rectum	Q5A	直腸
KB	Gastrointestinal tract	KBX	Anus and anal canal	Q5E	肛門
KB	Gastrointestinal tract	KBZ	Large intestine, not otherwise specified	Q51	大腸

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
KC	Hepatic and biliary structures	KCA	Liver	Q72	肝臓
KC	Hepatic and biliary structures	KCF	Gall bladder	Q81	胆嚢
KC	Hepatic and biliary structures	KCM	Bile duct	Q86	肝門部胆管
KC	Hepatic and biliary structures	KCM	Bile duct	Q83	総肝管
KC	Hepatic and biliary structures	KCM	Bile duct	Q82	胆嚢管
KC	Hepatic and biliary structures	KCM	Bile duct	Q84	肝内胆管
KC	Hepatic and biliary structures	KCM	Bile duct	Q85	肝外胆管
KC	Hepatic and biliary structures	KCM	Bile duct	Q88	乳頭部胆管
KC	Hepatic and biliary structures	KCM	Bile duct	Q87	総胆管
KC	Hepatic and biliary structures	KCO	Pancreas and pancreatic duct	Q92	膵臓
KM	Peritoneum	KMA	Peritoneum and peritoneal cavity	QW2	腹腔(その他)
KM	Peritoneum	KMA	Peritoneum and peritoneal cavity	QA1	腹腔
KM	Peritoneum	KMA	Peritoneum and peritoneal cavity	QAK	腹膜
KT	Functions of digestive system	KTA	Function related to the digestive system	なし	
KT	Functions of digestive system	KTB	Ingestion function	なし	
KT	Functions of digestive system	KTE	Digestive function	なし	
KT	Functions of digestive system	KTH	Assimilation function	なし	
KT	Functions of digestive system	KTK	Defecation function	なし	
KT	Functions of digestive system	KTN	Weight maintenance function	なし	
KT	Functions of digestive system	KTQ	Sensation associated with the digestive system	なし	
KZ	Digestive System, unspecified	KZZ	Digestive system, not otherwise specified	Q00	消化器系
LA	Skin	LAA	Skin and subcutaneous cell tissue of head and neck	A12	頭部(体表・皮膚)
LA	Skin	LAA	Skin and subcutaneous cell tissue of head and neck	A15	頸部(体表・皮膚)
LA	Skin	LAB	Skin and subcutaneous cell tissue of trunk	A21	軀幹(体表・皮膚)
LA	Skin	LAE	Skin and subcutaneous cell tissue of the upper limb	A61	上肢(体表・皮膚)
LA	Skin	LAG	Skin and subcutaneous cell tissue of the lower limb	A71	下肢(体表・皮膚)
LB	Skin appendages	LBA	Skin appendage of head and neck		
LB	Skin appendages	LBB	Skin appendage of trunk		
LB	Skin appendages	LBD	Nail of finger	A54	手足の爪
LB	Skin appendages	LBE	Skin appendage of upper limb, not elsewhere classified		
LB	Skin appendages	LBF	Nail of toe	A54	手足の爪
LB	Skin appendages	LBG	Skin appendage of lower limb, not elsewhere classified		
LC	Breast	LCA	Breast	P61	乳房
LT	Skin functions	LTA	Functions of the skin and related structures		
LT	Skin functions	LTB	Function of the skin		
LT	Skin functions	LTC	Protective function of the skin		
LT	Skin functions	LTD	Repair function of the skin		
LT	Skin functions	LTK	Other function of the skin		
LT	Skin functions	LTP	Sensation related to the skin		
LU	Skin appendages functions	LUA	Function of the hair and nail		
LU	Skin appendages functions	LUB	Function of hair		
LU	Skin appendages functions	LUC	Function of nail		
LZ	Skin structures and skin functions, unspecified	LZZ	Skin and subcutaneous cell tissue, not otherwise specified	A11	体表・皮膚
MA	Musculoskeletal structures of head and neck	MAA	Bone of cranium	D11	頭蓋
MA	Musculoskeletal structures of head and neck	MAB	Facial bone, not otherwise specified		

(別表A) ICHI Target ➡ 外保連コード 操作対象部位(8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
MA	Musculoskeletal structures of head and neck	MAC	Zygomatic bone	D75	頬骨
MA	Musculoskeletal structures of head and neck	MAD	Ethmoid		
MA	Musculoskeletal structures of head and neck	MAE	Nasal bone	D62	鼻骨
MA	Musculoskeletal structures of head and neck	MAF	Maxilla	D77	上顎骨
MA	Musculoskeletal structures of head and neck	MAG	Mandible and Jaw NOS	D7A	下顎骨
MA	Musculoskeletal structures of head and neck	MAH	Hyoid bone		
MA	Musculoskeletal structures of head and neck	MAI	Mastoid bone	D5N	乳様突起
MA	Musculoskeletal structures of head and neck	MAJ	Joint of head and neck region		
MA	Musculoskeletal structures of head and neck	MAL	Ligament and fascia of head and neck		
MA	Musculoskeletal structures of head and neck	MAM	Muscle of head and neck region		
MA	Musculoskeletal structures of head and neck	MAS	Soft tissue of head and neck		
MA	Musculoskeletal structures of head and neck	MAT	Tendon of head and neck region		
MA	Musculoskeletal structures of head and neck	MAZ	Bone, joint or soft tissue of head, neck and trunk, not otherwise specified		
MB	Spine	MBA	Cervical vertebral column	C21	頚椎
MB	Spine	MBB	Cervical intervertebral disc	C29	椎間板(頚椎)
MB	Spine	MBC	Cervico-thoracic vertebral column		
MB	Spine	MBG	Thoracic vertebral column	C31	胸椎
MB	Spine	MBH	Thoracic intervertebral disc	C3A	椎間板(胸椎)
MB	Spine	MBI	Thoraco-lumbar vertebral column		
MB	Spine	MBM	Lumbar vertebral column	C41	腰仙椎・尾骨
MB	Spine	MBN	Lumbar intervertebral disc	C49	椎間板(腰椎・腰仙椎)
MB	Spine	MBO	Lumbo-sacral vertebral column	C41	腰仙椎・尾骨
MB	Spine	MBR	Sacral vertebral column	C41	腰仙椎・尾骨
MB	Spine	MBU	Coccyx		
MB	Spine	MBY	Intervertebral disc, not otherwise specified	C16	椎間板
MB	Spine	MBZ	Vertebral column, not otherwise specified	C11	脊椎
MC	Musculoskeletal structures of trunk	MCB	Bone of thoracic cage	B75	肋骨
MC	Musculoskeletal structures of trunk	MCB	Bone of thoracic cage	B79	胸椎を含む胸壁
MC	Musculoskeletal structures of trunk	MCB	Bone of thoracic cage	B7A	胸骨
MC	Musculoskeletal structures of trunk	MCL	Ligament and fascia of trunk	B71	体幹の筋骨格・軟部組織
MC	Musculoskeletal structures of trunk	MCM	Muscle of trunk	B71	体幹の筋骨格・軟部組織
MC	Musculoskeletal structures of trunk	MCS	Soft tissue of trunk, not otherwise specified	B71	体幹の筋骨格・軟部組織
MC	Musculoskeletal structures of trunk	MCT	Tendon of trunk		
MC	Musculoskeletal structures of trunk	MCX	Diaphragm	P51	横隔膜

(別表A) ICHI Target ➡ 外保連コード 操作対象部位(8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
MD	Musculoskeletal structures of shoulder	MDB	Bone of shoulder region	B25	肩甲骨
MD	Musculoskeletal structures of shoulder	MDJ	Joint of shoulder region	B2A	滑膜(肩関節)
MD	Musculoskeletal structures of shoulder	MDJ	Joint of shoulder region	B28	肩関節
MD	Musculoskeletal structures of shoulder	MDJ	Joint of shoulder region	B26	肩鎖関節
MD	Musculoskeletal structures of shoulder	MDL	Ligament and fascia of shoulder region	B27	胸鎖靭帯
MD	Musculoskeletal structures of shoulder	MDM	Muscle of shoulder region	B2C	三角筋
MD	Musculoskeletal structures of shoulder	MDT	Tendon of shoulder region	B2B	烏口肩峰靭帯
MD	Musculoskeletal structures of shoulder	MDT	Tendon of shoulder region	B29	肩腱板
ME	Musculoskeletal structures of upper arm	MEB	Bone of upper arm	B23	上腕骨
ME	Musculoskeletal structures of upper arm	MEJ	Elbow joint	B42	肘関節
ME	Musculoskeletal structures of upper arm	MEL	Ligament and fascia of upper arm		
ME	Musculoskeletal structures of upper arm	MEM	Muscle of upper arm	B2E	上腕筋
ME	Musculoskeletal structures of upper arm	MET	Tendon of upper arm		
MF	Musculoskeletal structures of forearm	MFB	Bone of forearm	B46	橈骨
MF	Musculoskeletal structures of forearm	MFB	Bone of forearm	B45	尺骨
MF	Musculoskeletal structures of forearm	MFB	Bone of forearm	B44	前腕骨
MF	Musculoskeletal structures of forearm	MFJ	Wrist joint	B64	手関節
MF	Musculoskeletal structures of forearm	MFL	Ligament and fascia of forearm	B43	尺側側副靭帯
MF	Musculoskeletal structures of forearm	MFL	Ligament and fascia of forearm	B4E	骨間膜
MF	Musculoskeletal structures of forearm	MFM	Muscle of forearm	B4C	回外筋
MF	Musculoskeletal structures of forearm	MFM	Muscle of forearm	B4B	手指の筋
MF	Musculoskeletal structures of forearm	MFM	Muscle of forearm	B4D	総指伸筋(腱)
MF	Musculoskeletal structures of forearm	MFM	Muscle of forearm	B4A	虫様筋
MF	Musculoskeletal structures of forearm	MFM	Muscle of forearm	B49	橈側手根屈筋(腱)
MF	Musculoskeletal structures of forearm	MFM	Muscle of forearm	B48	肘筋
MF	Musculoskeletal structures of forearm	MFT	Tendon of forearm	B4D	総指伸筋(腱)
MF	Musculoskeletal structures of forearm	MFT	Tendon of forearm	B49	橈側手根屈筋(腱)
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B69	手指骨
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B6A	手指骨〔母指〕
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B6C	基節骨

(別表A) ICHI Target ➡ 外保連コード 操作対象部位(8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B6D	中節骨
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B63	手関節の骨
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B68	中手骨
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B61	手根骨
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B6E	末節骨
MG	Musculoskeletal structures of hand	MGB	Bone of hand and finger	B62	手指以外の手の骨
MG	Musculoskeletal structures of hand	MGJ	Joint of hand and fingers	B67	手根中手関節
MG	Musculoskeletal structures of hand	MGJ	Joint of hand and fingers	B6B	中手指節関節・指節間関節
MG	Musculoskeletal structures of hand	MGJ	Joint of hand and fingers	B6J	遠位指節間関節
MG	Musculoskeletal structures of hand	MGJ	Joint of hand and fingers	B6F	中手指節関節
MG	Musculoskeletal structures of hand	MGJ	Joint of hand and fingers	B6H	近位指節間関節
MG	Musculoskeletal structures of hand	MGL	Ligament and fascia of hand	B66	滑膜(手関節)
MG	Musculoskeletal structures of hand	MGL	Ligament and fascia of hand	B65	橈骨舟状骨靭帯
MG	Musculoskeletal structures of hand	MGL	Ligament and fascia of hand	B6G	中手指節関節側副靭帯
MG	Musculoskeletal structures of hand	MGM	Muscle of hand		
MG	Musculoskeletal structures of hand	MGT	Tendon of hand	B58	手指の腱・腱鞘
MG	Musculoskeletal structures of hand	MGT	Tendon of hand	B59	手掌腱膜
MG	Musculoskeletal structures of hand	MGT	Tendon of hand	B6L	屈筋腱腱鞘
MG	Musculoskeletal structures of hand	MGT	Tendon of hand	B6N	腱交叉
MG	Musculoskeletal structures of hand	MGT	Tendon of hand	B6M	掌側板
MI	Musculoskeletal structures of upper limb, unspecified	MIS	Soft tissue of upper limb	B83	上肢(筋骨格・末梢神経・軟部)
MI	Musculoskeletal structures of upper limb, unspecified	MIZ	Bone, joint or soft tissue of upper limb, not otherwise specified	B83	上肢(筋骨格・末梢神経・軟部)
MK	Musculoskeletal structures of pelvic region	MKB	Bone of pelvic region	C51	骨盤骨
MK	Musculoskeletal structures of pelvic region	MKJ	Joint of pelvic region		
MK	Musculoskeletal structures of pelvic region	MKL	Ligament and fascia of pelvic region		
MK	Musculoskeletal structures of pelvic region	MKM	Muscle of pelvic region	B97	大殿筋
MK	Musculoskeletal structures of pelvic region	MKM	Muscle of pelvic region	B98	恥骨直腸筋群
ML	Musculoskeletal structures of thigh	MLB	Bone of thigh	B94	大腿骨
ML	Musculoskeletal structures of thigh	MLJ	Hip joint	B91	股関節
ML	Musculoskeletal structures of thigh	MLL	Ligament and fascia of thigh	B99	腸脛靭帯

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
ML	Musculoskeletal structures of thigh	MLM	Muscle of thigh	B9B	大腿方形筋
ML	Musculoskeletal structures of thigh	MLM	Muscle of thigh	B9A	腸腰筋
ML	Musculoskeletal structures of thigh	MLT	Tendon of thigh		
MM	Musculoskeletal structures of knee	MMC	Knee cartilage	BA3	関節軟骨
MM	Musculoskeletal structures of knee	MMD	Knee meniscus	BA6	内側半月板
MM	Musculoskeletal structures of knee	MMJ	Knee joint	BA2	膝関節
MM	Musculoskeletal structures of knee	MML	Knee ligament	BA7	内側側副靭帯
MM	Musculoskeletal structures of knee	MML	Knee ligament	BA8	外側側副靭帯
MM	Musculoskeletal structures of knee	MML	Knee ligament	BA9	膝関節周辺の靭帯
MM	Musculoskeletal structures of knee	MMP	Patella	BAB	膝蓋骨
MN	Musculoskeletal structures of lower leg	MNB	Bone of lower leg	BAE	腓骨近位端
MN	Musculoskeletal structures of lower leg	MNB	Bone of lower leg	BAF	足関節の骨
MN	Musculoskeletal structures of lower leg	MNB	Bone of lower leg	BAD	脛骨近位端
MN	Musculoskeletal structures of lower leg	MNB	Bone of lower leg	BAG	下腿の骨
MN	Musculoskeletal structures of lower leg	MNJ	Ankle joint	BB9	足関節・足根関節
MN	Musculoskeletal structures of lower leg	MNM	Muscle of lower leg	BAN	足または足趾の筋(腱)
MN	Musculoskeletal structures of lower leg	MNM	Muscle of lower leg	BAH	下腿三頭筋(腱)
MN	Musculoskeletal structures of lower leg	MNM	Muscle of lower leg	BAL	長(母)趾屈筋(腱)
MN	Musculoskeletal structures of lower leg	MNM	Muscle of lower leg	BAM	長(母)趾伸筋(腱)
MN	Musculoskeletal structures of lower leg	MNT	Tendon of lower leg	BAJ	アキレス腱
MN	Musculoskeletal structures of lower leg	MNT	Tendon of lower leg	BAM	長(母)趾伸筋(腱)
MN	Musculoskeletal structures of lower leg	MNT	Tendon of lower leg	BAH	下腿三頭筋(腱)
MN	Musculoskeletal structures of lower leg	MNT	Tendon of lower leg	BAL	長(母)趾屈筋(腱)
MN	Musculoskeletal structures of lower leg	MNT	Tendon of lower leg	BAN	足または足趾の筋(腱)
MO	Musculoskeletal structures of foot	MOB	Bone of ankle and foot	BBH	足根骨
MO	Musculoskeletal structures of foot	MOB	Bone of ankle and foot	BBG	足指以外の足の骨
MO	Musculoskeletal structures of foot	MOB	Bone of ankle and foot	BBJ	中足骨
MO	Musculoskeletal structures of foot	MOJ	Joint of foot	BBE	足根・中足関節
MO	Musculoskeletal structures of foot	MOJ	Joint of foot	BBF	リスフラン関節
MO	Musculoskeletal structures of foot	MOJ	Joint of foot	BBC	ショパール関節

(別表A) ICHI Target ➡ 外保連コード 操作対象部位(8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
MO	Musculoskeletal structures of foot	MOJ	Joint of foot	BB7	距腿関節
MO	Musculoskeletal structures of foot	MOJ	Joint of foot	BB8	距骨下関節
MO	Musculoskeletal structures of foot	MOL	Ligament and fascia of ankle and foot	BBD	足根骨の靭帯
MO	Musculoskeletal structures of foot	MOL	Ligament and fascia of ankle and foot	BBB	前距腓靭帯
MO	Musculoskeletal structures of foot	MOL	Ligament and fascia of ankle and foot	BBA	前脛腓靭帯
MO	Musculoskeletal structures of foot	MOL	Ligament and fascia of ankle and foot	BBP	足趾の靭帯
MO	Musculoskeletal structures of foot	MOL	Ligament and fascia of ankle and foot	BBR	足底筋膜
MO	Musculoskeletal structures of foot	MOM	Muscle of ankle or foot	BBQ	足内筋(腱)
MO	Musculoskeletal structures of foot	MOT	Tendon of ankle or foot	BAK	足指の腱または腱鞘
MO	Musculoskeletal structures of foot	MOT	Tendon of ankle or foot	BBQ	足内筋(腱)
MP	Musculoskeletal structures of toe	MPB	Bone of toe	BBK	足趾骨
MP	Musculoskeletal structures of toe	MPJ	Joint of toe	BBN	趾節間関節
MP	Musculoskeletal structures of toe	MPJ	Joint of toe	BBM	中足趾節関節
MP	Musculoskeletal structures of toe	MPJ	Joint of toe	BBL	中足指節関節・指節間関節
MQ	Musculoskeletal structures of lower limb, unspecified	MQS	Soft tissue of lower limb		
MQ	Musculoskeletal structures of lower limb, unspecified	MQZ	Bone, joint or soft tissue of lower limb, not otherwise specified		
MR	Musculoskeletal structures, unspecified	MRB	Bone	B12	骨
MR	Musculoskeletal structures, unspecified	MRJ	Joint	B13	関節(関節包、滑膜を含む)
MR	Musculoskeletal structures, unspecified	MRM	Muscle	B15	筋
MR	Musculoskeletal structures, unspecified	MRS	Soft tissue		
MR	Musculoskeletal structures, unspecified	MRT	Tendon	B16	腱・腱鞘
MT	Functions of joints and bones	MTA	Function of joints and bones		
MT	Functions of joints and bones	MTB	Mobility of joint function		
MT	Functions of joints and bones	MTC	Stability of joint function		
MT	Functions of joints and bones	MTD	Mobility of bone function		
MU	Muscle functions	MUA	Muscle function		
MU	Muscle functions	MUB	Muscle power function		
MU	Muscle functions	MUC	Muscle tone function		
MU	Muscle functions	MUD	Muscle endurance function		
MV	Movement	MVA	Movement function		
MV	Movement	MVB	Motor reflex function		
MV	Movement	MVC	Involuntary movement reaction function		
MV	Movement	MVD	Control of voluntary movement function		
MV	Movement	MVE	Involuntary movement function		
MV	Movement	MVF	Gait pattern function		
MV	Movement	MVG	Sensation related to muscle and movement function		

(別表A) ICHI Target ➡ 外保連コード 操作対象部位(8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
MZ	Musculoskeletal functions and structures, unspecified	MZT	Neuromusculoskeletal and movement related functions		
MZ	Musculoskeletal functions and structures, unspecified	MZZ	Bone, joint and soft tissue, not otherwise specified		
NA	Urinary System	NAA	Kidney	S21	腎臓
NA	Urinary System	NAB	Renal pelvis and pyeloureteral	S22	腎盂
NA	Urinary System	NAB	Renal pelvis and pyeloureteral	S32	腎盂尿管移行部
NA	Urinary System	NAE	Ureter	S35	下部尿管
NA	Urinary System	NAE	Ureter	S34	中部尿管
NA	Urinary System	NAE	Ureter	S33	上部尿管
NA	Urinary System	NAE	Ureter	S31	尿管
NA	Urinary System	NAI	Urinary bladder	S51	膀胱
NA	Urinary System	NAK	Neck of urinary bladder		
NA	Urinary System	NAM	Urethra	S63	下部尿道
NA	Urinary System	NAM	Urethra	S75	海綿部尿道
NA	Urinary System	NAM	Urethra	S73	尿道前立腺部
NA	Urinary System	NAM	Urethra	S72	前立腺尿道
NA	Urinary System	NAM	Urethra	S67	外尿道口
NA	Urinary System	NAM	Urethra	S66	前部尿道
NA	Urinary System	NAM	Urethra	S64	後部尿道
NA	Urinary System	NAM	Urethra	S74	膜部尿道
NA	Urinary System	NAM	Urethra	S62	上部尿道
NA	Urinary System	NAM	Urethra	S61	尿道
NA	Urinary System	NAM	Urethra	S65	球部尿道
NA	Urinary System	NAM	Urethra	S81	尿道(女性)
NA	Urinary System	NAZ	Urinary system, not otherwise specified		
NG	Male genital system	NGA	Prostate and seminal vesicle	S77	精囊
NG	Male genital system	NGA	Prostate and seminal vesicle	S76	前立腺
NG	Male genital system	NGD	Spermatic cord	S78	精管
NG	Male genital system	NGD	Spermatic cord	S7F	精索
NG	Male genital system	NGG	Scrotum	S7K	陰囊
NG	Male genital system	NGL	Testis	S7H	精巣上体
NG	Male genital system	NGL	Testis	S7G	精巣
NG	Male genital system	NGM	Penis	S7B	陰茎
NG	Male genital system	NGM	Penis	S7C	陰茎海綿体
NG	Male genital system	NGZ	Male genital system, not otherwise specified	S71	男性尿道・生殖器
NM	Female genital System	NMA	Ovary	S8E	卵巣
NM	Female genital System	NMC	Fallopian tube	S8D	卵管
NM	Female genital System	NME	Uterus	S89	子宮
NM	Female genital System	NMF	Cervix uteri	S8A	頸部
NM	Female genital System	NMH	Vagina	S88	膣
NM	Female genital System	NMI	Vulva	S87	陰唇
NM	Female genital System	NMI	Vulva	S85	処女膜
NM	Female genital System	NMI	Vulva	S84	陰核包皮
NM	Female genital System	NMI	Vulva	S83	陰核
NM	Female genital System	NMI	Vulva	S86	膣前庭部
NM	Female genital System	NMM	Placenta, amnion, cord	SA5	胎盤
NM	Female genital System	NMM	Placenta, amnion, cord	SA6	臍帯
NM	Female genital System	NMR	Fetal or embryonic structure	SA4	胎嚢
NM	Female genital System	NMR	Fetal or embryonic structure	SA2	胎児
NM	Female genital System	NMR	Fetal or embryonic structure	SA3	羊膜
NM	Female genital System	NMR	Fetal or embryonic structure	SA1	胎児・羊膜・胎嚢
NM	Female genital System	NMR	Fetal or embryonic structure	SA9	腹腔内妊娠関連組織
NM	Female genital System	NMR	Fetal or embryonic structure	SA8	子宮内容物
NM	Female genital System	NMR	Fetal or embryonic structure	SA7	子宮および子宮内児

(別表A) ICHI Target ➡ 外保連コード 操作対象部位(8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
NM	Female genital System	NMZ	Female genital system, not otherwise specified	S82	女性外性器
NT	Genitourinary and reproductive functions	NTA	Genitourinary and reproductive functions		
NT	Genitourinary and reproductive functions	NTB	Urinary function		
NT	Genitourinary and reproductive functions	NTC	Urinary excretory function		
NT	Genitourinary and reproductive functions	NTD	Urination function		
NT	Genitourinary and reproductive functions	NTE	Sensation associated with urinary function		
NT	Genitourinary and reproductive functions	NTG	Genital and reproductive function		
NT	Genitourinary and reproductive functions	NTH	Sexual function		
NT	Genitourinary and reproductive functions	NTI	Menstruation function		
NT	Genitourinary and reproductive functions	NTJ	Procreation function		
NT	Genitourinary and reproductive functions	NTK	Functions related to fertility		
NT	Genitourinary and reproductive functions	NTL	Functions related to pregnancy		
NT	Genitourinary and reproductive functions	NTT	Sensation associated with genital and reproductive function		
NZ	Urogenital system, unspecified	NZZ	Urogenital system, not otherwise specified		
PA	Topographical regions: trunk	PAA	Head and neck	F12	頭部(体の部分全体)
PA	Topographical regions: trunk	PAE	Thorax, not otherwise specified	F22	胸部(体の部分全体)
PA	Topographical regions: trunk	PAF	Chest wall		
PA	Topographical regions: trunk	PAK	Abdomen, not otherwise specified	F23	腹部(体の部分全体)
PA	Topographical regions: trunk	PAL	Abdominal wall, not otherwise		
PA	Topographical regions: trunk	PAM	Abdominal wall, inguinal	F73	鼠径部(体の部分全体)
PA	Topographical regions: trunk	PAN	Abdominal wall, femoral		
PA	Topographical regions: trunk	PAO	Abdominal wall, umbilical		
PA	Topographical regions: trunk	PAU	Trunk, not otherwise specified	F21	躯幹(体の部分全体)
PA	Topographical regions: trunk	PAW	Perineum	F32	会陰部(体の部分全体)
PM	Topographical regions: Upper limb	PMA	Upper limb, not otherwise specified	F61	上肢(体の部分全体)
PM	Topographical regions: Upper limb	PMB	Upper arm	F64	上腕(体の部分全体)
PM	Topographical regions: Upper limb	PMC	Forearm	F66	前腕(体の部分全体)
PM	Topographical regions: Upper limb	PMD	Hand	F67	手(体の部分全体)
PM	Topographical regions: Upper limb	PME	Finger	F6A	指(体の部分全体)
PN	Topographical regions: Upper limb	PNA	Lower limb, not otherwise specified	F71	下肢(体の部分全体)
PN	Topographical regions: Upper limb	PNB	Thigh	F74	大腿(体の部分全体)
PN	Topographical regions: Upper limb	PNC	Lower leg	F76	下腿(体の部分全体)

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
PN	Topographical regions: Upper limb	PND	Foot	F77	足(体の部分全体)
PN	Topographical regions: Upper limb	PNE	Toe	F7A	足趾(体の部分全体)
PS	Topographical regions: Set of viscera	PSA	Set of thoracic viscera		
PS	Topographical regions: Set of viscera	PSB	Set of female pelvic viscera		
PS	Topographical regions: Set of viscera	PSC	Set of male pelvic viscera		
PT	Artificial body structure	PTA	Artificial Body Structure:		
PT	Artificial body structure	PTB	Artificial body structure:		
PT	Artificial body structure	PTC	Artificial Body Structure: Tracheostomy		
PT	Artificial body structure	PTD	Artificial body structure: Other		
PY	Genome (Microscopic body structure)	PYA	Genome		
PZ	Comprehensive or unspecified topography	PZA	Whole body	F10	全身
PZ	Comprehensive or unspecified topography	PZB	Whole person		
PZ	Comprehensive or unspecified topography	PZX	Any site		
PZ	Comprehensive or unspecified topography	PZZ	Unspecified site	ZZZ	
QT	Other specified body function: Voice and speech	QTA	Voice and speech function		
QT	Other specified body function: Voice and speech	QTB	Voice function		
QT	Other specified body function: Voice and speech	QTD	Articulation function		
QT	Other specified body function: Voice and speech	QTF	Fluency and rhythm of speech function		
QT	Other specified body function: Voice and speech	QTG	Alternative vocalisation function		
QU	Other body function	QUA	Growth maintenance functions		
SA	Learning and applying knowledge	SAA	Learning and applying knowledge		
SA	Learning and applying knowledge	SAB	Purposeful sensory experiences		
SA	Learning and applying knowledge	SAC	Watching		
SA	Learning and applying knowledge	SAD	Listening		
SA	Learning and applying knowledge	SAE	Purposeful sensing		
SA	Learning and applying knowledge	SAF	Basic skills		
SA	Learning and applying knowledge	SAG	Copying		
SA	Learning and applying knowledge	SAH	Rehearsing		
SA	Learning and applying knowledge	SAI	Learning to read		
SA	Learning and applying knowledge	SAJ	Learning to write		
SA	Learning and applying knowledge	SAK	Learning to calculate		
SA	Learning and applying knowledge	SAL	Aquiring skills		

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
SA	Learning and applying knowledge	SAM	Applying knowledge		
SA	Learning and applying knowledge	SAN	Focusing attention		
SA	Learning and applying knowledge	SAO	Thinking		
SA	Learning and applying knowledge	SAP	Reading		
SA	Learning and applying knowledge	SAQ	Writing		
SA	Learning and applying knowledge	SAR	Calculating		
SA	Learning and applying knowledge	SAS	Solving problems		
SA	Learning and applying knowledge	SAT	Making decisions		
SE	General tasks and demands	SEA	General tasks and demands		
SE	General tasks and demands	SEB	Undertaking tasks		
SE	General tasks and demands	SEC	Carrying out daily routine		
SE	General tasks and demands	SED	Handling stress and other psychological demands		
SF	Communication	SFA	Communication		
SF	Communication	SFB	Communicating – receiving		
SF	Communication	SFC	Receiving spoken messages		
SF	Communication	SFD	Receiving nonverbal messages		
SF	Communication	SFE	Receiving formal sign language messages		
SF	Communication	SFF	Receiving written messages		
SF	Communication	SFG	Communication – producing		
SF	Communication	SFH	Speaking		
SF	Communication	SFI	Producing nonverbal messages		
SF	Communication	SFJ	Producing messages in formal sign languages		
SF	Communication	SFK	Writing messages		
SF	Communication	SFL	Conversation and use of communication devices and techniques		
SF	Communication	SFM	Conversation		
SF	Communication	SFN	Discussion		
SF	Communication	SFO	Using communication devices and techniques		
SI	Mobility	SIA	Mobility		
SI	Mobility	SIB	Changing and maintaining body position		
SI	Mobility	SIC	Changing basic body position		
SI	Mobility	SID	Maintaining a body position		
SI	Mobility	SIE	Transferring oneself		
SI	Mobility	SIF	Carrying, moving and handling		
SI	Mobility	SIG	Lifting and carrying objects		
SI	Mobility	SIH	Moving objects with lower		
SI	Mobility	SII	Fine hand use		
SI	Mobility	SIJ	Arm and hand use		
SI	Mobility	SIK	Walking and moving		
SI	Mobility	SIL	Walking		
SI	Mobility	SIM	Moving around		
SI	Mobility	SIN	Moving around in different locations		
SI	Mobility	SIO	Moving around using equipment		
SI	Mobility	SIP	Moving around using transportation		
SI	Mobility	SIQ	Using transportation as a passenger		
SI	Mobility	SIR	Driving		

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
SI	Mobility	SIS	Riding animals for transportation		
SM	Self care	SMA	Self care		
SM	Self care	SMB	Washing oneself		
SM	Self care	SMC	Caring for body parts		
SM	Self care	SMD	Toileting		
SM	Self care	SME	Dressing		
SM	Self care	SMF	Eating		
SM	Self care	SMG	Drinking		
SM	Self care	SMH	Looking after one's health		
SN	Domestic Life	SNA	Domestic Life		
SN	Domestic Life	SNB	Acquisition of necessities		
SN	Domestic Life	SNC	Acquiring a place to live		
SN	Domestic Life	SND	Acquisition of goods and services		
SN	Domestic Life	SNG	Household tasks		
SN	Domestic Life	SNH	Preparing meals		
SN	Domestic Life	SNI	Doing housework		
SN	Domestic Life	SNN	Caring for household objects and assisting others		
SN	Domestic Life	SNO	Caring for household objects		
SN	Domestic Life	SNP	Assisting others		
SR	Interpersonal relationships	SRA	Interactions and interpersonal relationships		
SR	Interpersonal relationships	SRB	General interpersonal interactions		
SR	Interpersonal relationships	SRC	Basic interpersonal interactions		
SR	Interpersonal relationships	SRD	Complex interpersonal interactions		
SR	Interpersonal relationships	SRG	Interpersonal relationships		
SR	Interpersonal relationships	SRH	Relating with strangers		
SR	Interpersonal relationships	SRI	Formal relationships		
SR	Interpersonal relationships	SRJ	Informal social relationships		
SR	Interpersonal relationships	SRK	Family relationships		
SR	Interpersonal relationships	SRL	Parent child relationships		
SR	Interpersonal relationships	SRM	Intimate relationships		
ST	Major life areas	STA	Major life areas		
ST	Major life areas	STB	Education		
ST	Major life areas	STC	Informal education		
ST	Major life areas	STD	Preschool education		
ST	Major life areas	STE	School education		
ST	Major life areas	STF	Vocational training		
ST	Major life areas	STG	Higher education		
ST	Major life areas	STK	Work and employment		
ST	Major life areas	STL	Apprenticeship		
ST	Major life areas	STM	Acquiring, keeping and terminating a job		
ST	Major life areas	STN	Remunerative employment		
ST	Major life areas	STO	Non-remunerative employment		
ST	Major life areas	STP	Economic life		
ST	Major life areas	STQ	Basic economic transactions		
ST	Major life areas	STR	Complex economic transactions		
ST	Major life areas	STS	Economic self-sufficiency		
ST	Major life areas	STT	Engagement into play		
SX	Community, social and civic	SXA	Community, social and civic life		
SX	Community, social and civic	SXB	Community life		
SX	Community, social and civic	SXC	Recreation and leisure		
SX	Community, social and civic	SXD	Religion and spirituality		
SX	Community, social and civic	SXE	Human rights		
SX	Community, social and civic	SXF	Political life and citizenship		
SX	Community, social and civic	SZX	Unspecified activity and participation		
UA	Environment, products and technology	UAA	Products and technology		

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
UA	Environment, products and technology	UAB	Products or substances for personal consumption		
UA	Environment, products and technology	UAC	Food safety and security		
UA	Environment, products and technology	UAD	Products and technology for personal use in daily living		
UA	Environment, products and technology	UAE	Products and technology for personal indoor and outdoor mobility and transportation		
UA	Environment, products and technology	UAF	Products and technology for communication		
UA	Environment, products and technology	UAG	Products and technology for education		
UA	Environment, products and technology	UAH	Products and technology for employment		
UA	Environment, products and technology	UAI	Products and technology for culture, recreation and sport		
UA	Environment, products and technology	UAJ	Products and technology for the practice of religion and spirituality		
UA	Environment, products and technology	UAK	Design, construction and building products and technology of buildings for public use		
UA	Environment, products and technology	UAL	Design, construction and building products and technology of buildings for private use		
UA	Environment, products and technology	UAM	Design, construction and building products and technology of buildings unspecified		
UA	Environment, products and technology	UAN	Products and technology of land development		
UA	Environment, products and technology	UAO	Assets		
UA	Environment, products and technology	UAP	Drugs		
UB	Natural environment including human changes	UBA	Natural environment and human-made changes to environment, other specified		
UB	Natural environment including human changes	UBB	Physical geography		
UB	Natural environment including human changes	UBC	Population		
UB	Natural environment including human changes	UBD	Flora and fauna		
UB	Natural environment including human changes	UBE	Climate		
UB	Natural environment including human changes	UBF	Natural events		
UB	Natural environment including human changes	UBG	Human-caused events		
UB	Natural environment including human changes	UBH	Light		
UB	Natural environment including human changes	UBI	Time-related changes		
UB	Natural environment including human changes	UBJ	Sound		
UB	Natural environment including human changes	UBK	Vibration		
UB	Natural environment including human changes	UBL	Indoor air quality		

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
UB	Natural environment including human changes	UBM	Outdoor air quality		
UB	Natural environment including human changes	UBN	Water quality		
UB	Natural environment including human changes	UBO	Land and soil quality		
UB	Natural environment including human changes	UBQ	Animals as vectors of disease		
UC	Environment, support and relationships	UCA	Support and relationships		
UC	Environment, support and relationships	UCB	Immediate family		
UC	Environment, support and relationships	UCC	Extended family		
UC	Environment, support and relationships	UCD	Friends		
UC	Environment, support and relationships	UCE	Acquaintances, peers, colleagues, neighbours and community members		
UC	Environment, support and relationships	UCF	People in positions of authority		
UC	Environment, support and relationships	UCG	People in subordinate positions		
UC	Environment, support and relationships	UCH	Personal care providers and personal assistants		
UC	Environment, support and relationships	UCI	Strangers		
UC	Environment, support and relationships	UCJ	Domesticated animals		
UC	Environment, support and relationships	UCK	Health professionals		
UC	Environment, support and relationships	UCL	Other professionals		
UC	Environment, support and relationships	UCM	Social environment		
UD	Environment: Attitudes	UDA	Attitudes		
UD	Environment: Attitudes	UDB	Individual attitudes of immediate family members		
UD	Environment: Attitudes	UDC	Individual attitudes of extended family members		
UD	Environment: Attitudes	UDD	Individual attitudes of friends		
UD	Environment: Attitudes	UDE	Individual attitudes of acquaintances, peers, colleagues, neighbours and community members		
UD	Environment: Attitudes	UDF	Individual attitudes of people in positions of authority		
UD	Environment: Attitudes	UDG	Individual attitudes of people in subordinate positions		
UD	Environment: Attitudes	UDH	Individual attitudes of personal care providers and personal assistants		
UD	Environment: Attitudes	UDI	Individual attitudes of strangers		
UD	Environment: Attitudes	UDJ	Individual attitudes of health professionals		
UD	Environment: Attitudes	UDK	Individual attitudes of health-related professionals		
UD	Environment: Attitudes	UDL	Societal attitudes		
UD	Environment: Attitudes	UDM	Social norms, practices and		
UE	Services, Systems, Policies	UEA	Services, systems and policies		
UE	Services, Systems, Policies	UEB	Services, systems and policies for the production of consumer goods		

(別表A) ICHI Target ➡ 外保連コード 操作対象部位 (8.3版)

Target Group Code	Target Group Title	ICHI Target	Target Title	操作対象部位コード	操作対象部位名称
UE	Services, Systems, Policies	UEC	Architecture and construction services, systems and policies		
UE	Services, Systems, Policies	UED	Open space planning services, systems and policies		
UE	Services, Systems, Policies	UEE	Housing services, systems and		
UE	Services, Systems, Policies	UEF	Utilities services, systems and		
UE	Services, Systems, Policies	UEG	Communication services, systems and policies		
UE	Services, Systems, Policies	UEH	Transportation services, systems and policies		
UE	Services, Systems, Policies	UEI	Civil protection services, systems and policies		
UE	Services, Systems, Policies	UEJ	Legal services, systems and policies		
UE	Services, Systems, Policies	UEK	Associations and organizational services, systems and policies		
UE	Services, Systems, Policies	UEL	Media services, systems and policies		
UE	Services, Systems, Policies	UEM	Economic services, systems and policies		
UE	Services, Systems, Policies	UEN	Social security services, systems and policies		
UE	Services, Systems, Policies	UEO	General social support services, systems and policies		
UE	Services, Systems, Policies	UEP	Health services, systems and policies		
UE	Services, Systems, Policies	UEQ	Education and training services, systems and policies		
UE	Services, Systems, Policies	UER	Labour and employment services, systems and policies		
UE	Services, Systems, Policies	UES	Political services, systems and		
VA	Health-related Behaviour	VAA	Alcohol use		
VA	Health-related Behaviour	VAB	Tobacco use		
VA	Health-related Behaviour	VAC	Illicit drug use		
VA	Health-related Behaviour	VAD	Diet		
VA	Health-related Behaviour	VAE	Hygiene		
VA	Health-related Behaviour	VAF	Immunisation behaviours		
VA	Health-related Behaviour	VAG	Oral health behaviours		
VA	Health-related Behaviour	VAH	Pharmaceutical use		
VA	Health-related Behaviour	VAI	Screening behaviours		
VA	Health-related Behaviour	VAJ	Breastfeeding		
VA	Health-related Behaviour	VAK	Health service use		
VA	Health-related Behaviour	VAL	Other specified health-related behaviours		
VA	Health-related Behaviour	VAM	Behaviours related to psychological health and wellbeing		
VA	Health-related Behaviour	VAN	Sleep behaviours		
VA	Health-related Behaviour	VAO	Physical activity		
VA	Health-related Behaviour	VAP	Sexual behaviours		
VA	Health-related Behaviour	VAQ	Social behaviours		
VA	Health-related Behaviour	VAR	Road safety behaviours		
VA	Health-related Behaviour	VAS	Sun exposure protective behaviours		
VA	Health-related Behaviour	VAT	Workplace safety behaviours		
VA	Health-related Behaviour	VAU	Household safety behaviours		
VA	Health-related Behaviour	VAV	Other safety behaviours		
VA	Health-related Behaviour	VAW	Health literacy		

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Diagnostic		AA	Assessment	Evaluating a health condition, functioning, environment, behavior, situation, or need for intervention.	
Diagnostic		AB	Measurement	Quantitative determination of characteristics of body parts, body functions or environmental factors which results in a continuous variable	
Diagnostic		AC	Test	Performing a specific review or examination of health condition, functioning, environment, behaviour or situation using an assessment instrument or test (manual-based questionnaire, rating scale, semi-structured interview, standardized instrument, etc.)	
Diagnostic		AD	Biopsy	Removing and directly examining or analysing tissue or biological element from the body	A9 試験切除・ 生検 M1 採取
Diagnostic		AE	Inspection 検査	Exploring a body part by visual, olfactory, acoustic or tactile means	
Diagnostic		AF	Mapping	Tracing or following pathways of electrical impulses, metabolic or blood flow changes/distribution	
Diagnostic		AH	Specimen collection	the drawing of blood, urine, lumbar puncture for diagnostic purposes	
Diagnostic		AI	Monitoring	Continuous acquisition of information to evaluate a health condition, functioning, environment, behaviour or situation over a defined period	
Diagnostic		AL	Challenge	Determining the response of a system under exposure	
Diagnostic		AM	Observation	Visual acquisition of information (not continuous) to evaluate a health condition, functioning, environment, behaviour or situation	
Diagnostic		AY	Other diagnostic action		
Diagnostic		AZ	Unspecified diagnostic action		
Diagnostic		BA	(Diagnostic) Imaging		
Diagnostic		CA	Assay	Performing a laboratory test to find and measure the amount of a specific substance	
Diagnostic		CB	Culture	Growing of living matter in a nutrient medium	
Diagnostic		CC	Identification	Assigning a pre-existing class name to tissues/body fluids under (microscopic) examination	

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Therapeutic	Adding without taking out / Applying	DA	Alimentation 栄養、栄養法	Administering nutritional requirements 栄養摂取の管理	なし
Therapeutic	Adding without taking out / Applying	DB	Application [of pharmaceutical] 薬剤投与	administering pharmaceutical agents through various routes 種々の経路を介しての薬剤投与	なし
Therapeutic	Adding without taking out / Applying	DC	Anaesthesia 麻酔		なし
Therapeutic	Adding without taking out / Applying	DD	Oxygenation 酸素化、酸素投与	Treating by saturation with oxygen under increased pressure (hyperbaric) or administering supplemental oxygen to relieve hypoxia or hypoxia	なし
Therapeutic	Adding without taking out / Applying	DE	Ventilation 換気	Providing support or assistance in the process of exchange of air within the lungs	なし
Therapeutic	Adding without taking out / Applying	DF	Perfusion 血流	Passing fluid through the vessels of a specific organ or region	なし
Therapeutic	Adding without taking out / Applying	DG	Transfusion 輸液	Externally introducing blood or its components into the blood stream	なし
Therapeutic	Adding without taking out / Applying	DH	Fertilization 受精		なし
Therapeutic	Adding without taking out / Applying	DK	Dressing 包帯 そのままドレッシング	Applying various materials to cover or protect a wound.	なし
Therapeutic	Adding without taking out / Applying	DL	Insertion [of assistive internal device] 付着、挿入 (補助的な内部デバイスの挿入)	Inserting a device into the body that monitors, assists or protects the function, but does not perform the function of the body part	H1 挿入 H2 留置 H3 埋め込み
Therapeutic	Adding without taking out / Applying	DM	Installation of external device 外部デバイスのインストール (設置)	Applying a device to an external part of the body	H1 挿入 H2 留置 H3 埋め込み
Therapeutic	Adding without taking out / Applying	DN	Implantation [of internal device] 挿入、埋め込み(内部デバイスの)	Placing a device into the body that performs the function of the body part	H1 挿入 H2 留置 H3 埋め込み
Therapeutic	Incising	FA	Incision 切開	Making an orifice, linear or window, in a body part	D2 切開
Therapeutic	Incising	FB	Division 切離、剥離 (1つの単語としては「門、分割、分裂」)	Separating without taking out a body part	D1 切離

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Therapeutic	Incising	FC	Release 開放、解離 (1つの単語としては「放出、解放、遊離」)	Freeing a body part that is compressed or unable to function by cutting	D7 開放
Therapeutic	Destroying	GA	Destruction 破壊	Altering, breaking down or eradicating a body part, either partially or totally by the use of physical, mechanical, or chemical forces	A8 結石破砕 E1 焼灼 E2 凝固 E3 凍結
Therapeutic	Taking out without replacing	JA	Irrigation 洗浄、灌注、灌注法	Lavage of hollow organs and cavities of the body, with or without using pharmacy substances and anesthetics 内腔のある臓器や腔内の洗浄	なし
Therapeutic	Taking out without replacing	JB	Drainage 排液法、ドレナージ	Taking or letting out fluids or gases from a body part 体の一部から液体やガスを取り出す	AA 穿刺 D3 開窓
Therapeutic	Taking out without replacing	JC	Dialysis 透析、人工透析	Removing blood from the body, clearing it of toxic agents or neoplastic cells and subsequently returning it to the body 体内から血液を除去する; 毒性物質あるいは腫瘍細胞をきれいにし、その後体内に戻す	なし
Therapeutic	Taking out without replacing	JD	Removal (of internal foreign body) 切除、摘出術、摘除術	Taking an object, device or other element not originating in the body out of the body 元来体でない物質やデバイスなどを体の外に取り除く	A5 除去・拔去・捻除 A6 結石摘出
Therapeutic	Taking out without replacing	JE	Extraction 抜去、摘出、牽出、牽引	Separating from the body or taking out by pulling or stripping all or a portion of a body part by the use of varying amounts of force	A2 摘出
Therapeutic	Taking out without replacing	JF	Delivery 出生、出産、分娩、生産		N5 娩出
Therapeutic	Taking out without replacing	JG	Debridement 創面切除 (デブリードマンの方が一般的)	Removing devitalized or contaminated tissue from or adjacent to a traumatic or infected lesion until surrounding healthy tissue is exposed	D8 搔破
Therapeutic	Taking out without replacing	JH	Procurement 採血	Removing an organ, tissue or cells for transplantation, transfer or production of pharmaceutical/biomedical products 製薬/生物医学製品の移植、移送または製造のための臓器、組織または細胞の除去	なし
Therapeutic	Taking out without replacing	JI	Excision, local 局所切除		A1 切除 A4 郭清
Therapeutic	Taking out without replacing	JJ	Excision, partial 部分切除	Removing a portion of a body part	A1 切除 A4 郭清
Therapeutic	Taking out without replacing	JK	Excision, total 全切除	Removing a complete body part	A1 切除 A4 郭清
Therapeutic	Taking out without replacing	JL	Excision, extended 広汎切除	Excising a portion or a complete body part including parts of surrounding or adjacent organs and tissues	A1 切除 A4 郭清

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Therapeutic	Taking out without replacing	JN	Amputation 切断	Removing a limb, extremity or portion thereof	A3 切断
Therapeutic	Taking out with replacing	KA	Change (of internal device) 内部デバイスの交換	Removing and simultaneously replacing an internal device with a similar one	M3 置換
Therapeutic	Taking out with replacing	KB	Change (of external device) 外部デバイスの交換	Removing and simultaneously replacing an external device with a similar one	M3 置換
Therapeutic	Taking out with replacing	KD	Transplantation 移植	Taking out a portion of or a complete body part and inserting it into an individual	M4 植皮 M7 移植
Therapeutic	Altering dimensions, position, course	LA	Occlusion 咬合、奪取、妨害、閉塞、閉鎖、閉塞症、閉鎖症、咬み合わせ	Closing an orifice or lumen of a hollow or tubular organ	C2 結紮 C5 クリップピング C7 閉鎖 J1 充填 J2 閉塞
Therapeutic	Altering dimensions, position, course	LB	Reattachment 再接合、再接合術	Re-joining a severed or divided body part, or reestablishing the continuity within a cavity or hollow organ	C3 縫合 C6 吻合 C8 接合
Therapeutic	Altering dimensions, position, course	LC	Set 構え(セットする、固定する?)	Placing an organ or anatomical segment in a fixed position	なし
Therapeutic	Altering dimensions, position, course	LD	Position 体位、肢位、体位設定	Putting the body or a body part into or back to its normal anatomical location	なし
Therapeutic	Altering dimensions, position, course	LE	Fusion 固定、固定術、癒合術	Joining together portions of an articular body part rendering the articular body part immobile	F1 固定
Therapeutic	Altering dimensions, position, course	LG	Dilatation 拡張	Expanding or stretching the lumen or orifice of a tubular or hollow body part	G1 狭窄解除(ブジー) G2 拡張 G3 拡大
Therapeutic	Altering dimensions, position, course	LH	Dilatation with insertion of device デバイスを挿入して拡張	Expanding or stretching the lumen or orifice of a tubular or hollow body part with insertion of a permanent device for sustaining patency	G1 狭窄解除(ブジー) G2 拡張 G3 拡大
Therapeutic	Altering dimensions, position, course	LI	Deviation 経路を変更	Altering a route of passage, or changing the course of organic fluid in a tubular segment of the body 通路の経路を変更すること、または体の管状部分における有機流体の流れを変えること	N1 シヤント N4 造設
Therapeutic	Altering dimensions, position, course	LJ	Transfer 伝達、学習転移(移行の方が適切)	Moving without taking out an organ or an anatomical structure to another location within the same person 臓器や解剖学的構造を同じ人の別の場所に取り出すことなく移動する	M2 移行 M4 植皮 M5 皮弁
Therapeutic	Altering dimensions, position, course	LK	Increase size サイズの増大	Increasing the size of a body part	N2 形成

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Therapeutic	Altering dimensions, position, course	LL	Decrease size サイズの縮小	Decreasing the size (length, diameter, surface or volume) of a body part or partially closing an orifice or lumen	C4 縫縮 N2 形成
Therapeutic	Reconstituting	MA	Creation 発生	Designing and constructing a body part or structure that may or may not function as intended (e.g. genital structure, neobladder)	なし
Therapeutic	Reconstituting	MC	Resuscitation 蘇生	Restoring life or consciousness	なし
Therapeutic	Reconstituting	MK	Restoration 修復、復元	Returning a body part to as close to normal as possible in structure and function 構造と機能にできるだけ正常に近いに状態に戻す	L2 再建・修復 N2 形成
Therapeutic	Reconstituting	ML	Reconstruction 再建	Repairing a deteriorated part of the body with insertion or laying on of a biological, cultured or synthetic material that physically takes the place of all or a portion of that body part 体の悪い部分のすべてあるいは一部に対して、生物学的培養組織または合成材料を挿入、置換することで修復	L2 再建・修復 N2 形成
Therapeutic	Improving function, modifying behaviour and providing knowledge	PA	Manipulation 徒手整復	A passive, high velocity, low amplitude thrust applied to a joint complex within its anatomical limit (active and passive motion occurs within the range of motion of the joint complex and not beyond the joint's anatomic limit)	L1 整復
Therapeutic	Improving function, modifying behaviour and providing knowledge	PB	Mobilisation 授動、離床?	A continuum of skilled passive movements to the joint complex that are applied at varying speeds and amplitudes	M6 授動
Therapeutic	Improving function, modifying behaviour and providing knowledge	PC	Massage マッサージ	The scientific manipulation of the soft tissues of the body done manually or with mechanical aids including applying fixed or movable pressure, holding, and/or causing movement of or to the body	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	PD	Stretch 伸展、延長、拡張、牽引、延長術、拡張法、牽引法	Techniques which extend the length of a body structure or body part by the application of manually applied force. Application of stretch is under the control or consent of the person to whom it is applied.	N3 延長
Therapeutic	Improving function, modifying behaviour and providing knowledge	PG	Assisting or leading exercise 補助あるいは誘導する運動	Supporting or guiding regular or repeated use of a function or an activity 機能または活動の規則的または反復使用のサポートまたは指導	なし

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Therapeutic	Improving function, modifying behaviour and providing knowledge	PH	Training トレーニング、練習	Teaching, enhancing or developing skills through context-specific practice スキルを教える、強化する、または開発する	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	PI	Conditioning 条件付け(というよりコンディショニング、活動)	Behavioural process whereby a response (body function, activity, participation) becomes more frequent or more predictable in a given environment as a result of reinforcement	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	PJ	Deconditioning from use of internal or external device	Teaching a person to function after the removal of an external or internal device	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	PM	Education 教育	Providing structured information in a manner conducive to improving knowledge about matters relevant to health and/or functioning	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	PN	Advising アドバイス	Recommending course of action to be followed to encourage a change of functioning, environment, attitude or behavior in relation to health (or risks)	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	PP	Counselling 相談(ふつうにカウンセリング)	Providing therapeutic and/or supportive communication (involving conversation, understanding of information and other knowledge exchange) using theory-based methods techniques to encourage a change of functioning, attitude or behavior in relation to health, or to support problem-solving	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	PQ	Psychotherapy 精神療法	Providing therapeutic communication (involving conversation, understanding of information and other knowledge exchange) using highly standardised and theory-based techniques	なし
Therapeutic	Client support	RA	Task performed by another	Performing a task on behalf of the client	なし
Therapeutic	Client support	RB	Practical support 実用的なサポート	Providing practical assistance or guidance to facilitate in relation to activities, participation or environmental factors	なし
Therapeutic	Client support	RC	Emotional support 心の支え	Providing comfort, empathy or motivational support	なし

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Therapeutic	Client support	RD	Provision 準備	Providing products and services to improve health, functioning, or environmental factors	なし
Therapeutic	Other and unspecified therapeutic actions	SA	Acupuncture 鍼療法	Inserting and manipulating fine needles into specific points in the body for pain relief, anesthetization and other therapeutic effects	なし
Therapeutic	Improving function, modifying behaviour and providing knowledge	SB	Acupressure 指圧	the application of pressure with the thumbs or fingertips to discrete points on the body	なし
Therapeutic	Other and unspecified therapeutic actions	SC	Stimulation 刺激	Provoking or inciting a reaction by use of external factors or agents 外部要因や薬剤の使用による反応	なし
Therapeutic	Other and unspecified therapeutic actions	SD	Hyperthermy 加熱療法	Applying heat to the body	なし
Therapeutic	Other and unspecified therapeutic actions	SE	Hypothermy 冷却症	Applying cold to the body	なし
Therapeutic	Other and unspecified therapeutic actions	SG	Recompression 圧力を元に戻す	Returning gradually to normal environmental pressure after exposure to greatly increased pressure. Using elevated pressure to treat conditions within the body after it has been subjected to a rapid decrease in pressure. おおきな圧力に曝された後に通常的环境圧に徐々に戻す。 圧力の急速な低下後に、体内で状態を治療するための高圧にする。	なし
Therapeutic	Other and unspecified therapeutic actions	SH	Augmentation/induction of labour	Starting labour or strengthening uterine contractions to initiate the birth process	なし
Therapeutic	Other and unspecified therapeutic actions	SI	Preparation and planning	Preparing for an upcoming intervention, planning future interventions, and/or working with the person to develop goals and identify strategies for achieving those goals	なし
Therapeutic	Other and unspecified therapeutic actions	SJ	Making of an external device	Creating external assistive devices, orthoses or prostheses	なし
Therapeutic	Other and unspecified therapeutic actions	SM	Management of external device or environment	Adjusting or modifying an external device, other product or environmental factor	なし

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Therapeutic	Other and unspecified therapeutic actions	SN	Management of internal device 内部デバイスの管理	Setting, verifying, regulating or maintaining the functioning of a device without removal デバイスを除去することなく、セッティング、検証、規制あるいは維持させる	なし
Therapeutic	Other and unspecified therapeutic actions	SO	Removal of an external device	Removing an external device or other product in the environment	A5 除去・抜去・捨
Therapeutic	Other and unspecified therapeutic actions	SY	Other therapeutic action		W0 その他
Therapeutic	Other and unspecified therapeutic actions	SZ	Unspecified therapeutic action		U0 分類不能
Managing		TA	Advocacy	Mediating or pleading in favour of a person, group or issue, in relation to a matter relevant to health and/or functioning	
Managing		TB	Brokerage	Actively negotiating for, acquiring, managing, coordinating or monitoring services and supports for a person	
Managing		TC	Case Consultation	Meeting of multiple parties providing or planning health service delivery or functioning improvements	
Managing		TD	Collaborating	Collaborating with other professions	
Managing		TE	Detoxification (services)	Providing for cessation of intake of and removal of toxic substances from the body	
Managing		TF	Dispensing	Preparing and distributing pharmaceuticals	
Managing		TG	Documentation	Recording information about an individual, group or environment	
Managing		TH	Post mortem care		
Managing		TI	Prescription	Instruction, direction or authoritative recommendation to obtain or pursue a specified health intervention	
Managing		TJ	Transport	Transporting a person for health care purposes	
Managing		TK	Public facilities or infrastructure development	Ordering and designing layout of communities	
Managing		TY	Other managing action	Other actions or strategies commonly or typically employed in response to a particular situation, often including the monitoring and management of risks	
Managing		TZ	Unspecified managing action		

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Preventing		VA	Capacity building	Strategies and activities that aim to tap and strengthen the existing abilities of individuals, communities, organisations or systems to increase involvement, decision-making and ownership of issues in order to promote sustainable health behaviours and support healthy environments	
Preventing		VC	Vector control	Vector monitoring and reducing or eliminating their numbers	
Preventing		VE	Quarantine measures	Restriction of the activities of healthy persons or animals who have been exposed to a communicable disease	
Preventing		VF	Food safety control	Management and control of food safety hazards	
Preventing		VI	Food fortification or enrichment		
Preventing		VK	Provision of water		
Preventing		VL	Environmental remediation	Modifying the environment to reduce threats to health or enhance health-promoting qualities of the environment	
Preventing		VN	Establishing health services or health-related services	Providing health services and/or infrastructure where they were previously absent or inadequate to meet a specified population health need	
Preventing		VO	Marshalling health services or health-related services	Organising or directing existing health services and personnel to provide health interventions to meet a specified population health need	
Preventing		VP	Improving access to health services or health-related services	Removing barriers that prevent people accessing services, e.g. cultural, socioeconomic, physical barriers	
Preventing		VR	Stakeholder partnership		
Preventing		WA	Setting and maintaining standards	Development, maintenance, promotion/dissemination, and monitoring of standards	
Preventing		WB	Monitoring standards		
Preventing		WC	Restrictions on the sale of products		
Preventing		WD	Restrictions on advertising, promotion or sponsorship of products		
Preventing		WE	Restrictions on production or importation of products		
Preventing		WF	Restrictions on the consumption/use of products		

(別表B) ICHI Action ➡ 外保連コード 基本操作(8.3版)

Action Type	Action Type-Detail	ICHI Action	Action Title	Action Definition	外保連手術試案 基本操作8.3版
Preventing		WG	Applying incentives		
Preventing		WH	Measures to support behavioural change		
Preventing		WI	Legislation or regulations, other		
Preventing		WJ	Industry agreement		
Preventing		WK	Other preventive action		
Preventing		WL	Seclusion		
Preventing		WM	Restrain		

(別表C) ICHI: Interventions on the Digestive System
KA: Mouth and pharynx

ICHI_Code	ICHIDescriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Target→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Target→ 基本操作 (日本語) 2
KAA AD AA	Biopsy of lip	D73	口唇			A9	試験切 除・生検	M1	採取
KAA FA AA	Labial frenotomy	D73	口唇			D2	切開		
KAA FB AA	Division of labial frenum	D73	口唇			D1	切離		
KAA GA AH	Destruction of lip	D73	口唇			A8	結石破 砕	E1	焼灼
KAA JB AA	Drainage of lip	D73	口唇			AA	穿刺	D3	開窓
KAA JD AA	Removal of foreign body, lip	D73	口唇			A5	除去・抜 去・捻除	A6	結石摘出
KAA JD AE	Percutaneous removal of foreign body, lip	D73	口唇			A5	除去・抜 去・捻除	A6	結石摘出
KAA JI AA	Excision of lesion or tissue of lip	D73	口唇			A1	切除	A4	郭清
KAA JJ AA	Partial excision of lip	D73	口唇			A1	切除	A4	郭清
KAA LB AA	Suture of lip	D73	口唇			C3	縫合	C6	吻合
KAA LC AA	Fixation of lip	D73	口唇			なし			
KAA LK AA	Increase of lip size	D73	口唇			N2	形成		
KAA LL AA	Reduction of lip size	D73	口唇			C4	縫縮	N2	形成
KAA MK AA	Repair of lip	D73	口唇			L2	再建・修 復	N2	形成
KAA ML AA	Reconstruction of lip	D73	口唇			L2	再建・修 復	N2	形成
KAA SZ AZ	Other interventions on lip, not elsewhere classified	D73	口唇			U0	分類不 能		
KAB AD AA	Open biopsy of tongue	D7D	舌			A9	試験切 除・生検	M1	採取
KAB AD AC	Closed biopsy of tongue	D7D	舌			A9	試験切 除・生検	M1	採取
KAB AZ AZ	Other diagnostic interventions on tongue	D7D	舌			なし			
KAB FA AC	Other glossotomy	D7D	舌			D2	切開		
KAB FB AC	Lingual frenotomy	D7D	舌			D1	切離		
KAB FC AC	Release of tongue	D7D	舌			D7	開放		
KAB GA AC	Destruction of lesion or tissue of tongue	D7D	舌			A8	結石破 砕	E1	焼灼
KAB JB AA	Drainage of tongue	D7D	舌			AA	穿刺	D3	開窓
KAB JD AC	Removal of foreign body or device from tongue	D7D	舌			A5	除去・抜 去・捻除	A6	結石摘出
KAB JI AC	Excision of lesion or tissue of tongue	D7D	舌			A1	切除	A4	郭清
KAB JJ AC	Partial glossectomy	D7D	舌			A1	切除	A4	郭清
KAB JK AC	Complete glossectomy	D7D	舌			A1	切除	A4	郭清
KAB JL AA	Radical glossectomy	D7D	舌			A1	切除	A4	郭清
KAB LB AC	Suture of laceration of tongue	D7D	舌			C3	縫合	C6	吻合
KAB LC AC	Fixation of tongue	D7D	舌			なし			
KAB MK AC	Other repair and plastic operations on tongue	D7D	舌			L2	再建・修 復	N2	形成
KAB SZ AZ	Other interventions on tongue, not elsewhere classified	D7D	舌			U0	分類不 能		
KAE AE AC	Dental examination	D7C	歯			なし			
KAE AZ AZ	Other diagnostic interventions on teeth	D7C	歯			なし			
KAE BA BA	Dental x-ray	D7C	歯			なし			
KAE DN AC	Prosthetic dental implant	D7C	歯			H1	挿入	H2	留置

(別表C) ICHI: Interventions on the Digestive System
KA: Mouth and pharynx

KAE JD AC	Removal of dental device	D7C	歯			A5	除去・抜去・捻除	A6	結石摘出
KAE JE AC	Surgical extraction of tooth	D7C	歯			A2	摘出		
KAE JG AC	Dental scaling, polishing, and debridement	D7C	歯			D8	搔破		
KAE JJ AC	Apicoectomy	D7C	歯			A1	切除	A4	郭清
KAE KA AC	Replacement of dental packing	D7C	歯			M3	置換		
KAE KD AC	Transplantation of tooth or tooth bud	D7C	歯			M4	植皮	M7	移植
KAE LB AC	Implantation of tooth	D7C	歯			C3	縫合	C6	吻合
KAE LC AC	Application of dental device	D7C	歯			なし			
KAE LD AC	Repositioning of displaced tooth	D7C	歯			なし			
KAE MK AC	Restoration of tooth	D7C	歯			L2	再建・修復	N2	形成
KAE ML AC	Root canal therapy	D7C	歯			L2	再建・修復	N2	形成
KAE SM AC	Management of external appliance of tooth	D7C	歯			なし			
KAE SZ AC	Other orthodontic intervention	D7C	歯			U0	分類不能		
KAE SZ AZ	Other dental interventions, not elsewhere classified	D7C	歯			U0	分類不能		
KAE WK AC	Dental prophylaxis	D7C	歯			なし			
KAG AD AC	Biopsy of gum	D79	歯肉			A9	試験切除・生検	M1	採取
KAG AZ AZ	Other diagnostic interventions on gums and	D79	歯肉			なし			
KAG DL AA	Implantation of internal device of gingiva	D79	歯肉			H1	挿入	H2	留置
KAG FA AA	Incision of gum or alveolar bone	D79	歯肉			D2	切開		
KAG GA AC	Destruction of gingiva	D79	歯肉			A8	結石破砕	E1	焼灼
KAG JB AC	Drainage of gingiva	D79	歯肉			AA	穿刺	D3	開窓
KAG JD AC	Removal of foreign body or device of gingiva	D79	歯肉			A5	除去・抜去・捻除	A6	結石摘出
KAG JI AC	Excision of lesion or tissue of gum	D79	歯肉			A1	切除	A4	郭清
KAG JJ AC	Partial excision of gingiva	D79	歯肉			A1	切除	A4	郭清
KAG LB AA	Suture of laceration of gum	D79	歯肉			C3	縫合	C6	吻合
KAG ML AA	Gingivoplasty	D79	歯肉			L2	再建・修復	N2	形成
KAG SM AC	Fitting of denture	D79	歯肉			なし			
KAG SZ AZ	Other interventions on gum, not elsewhere classified	D79	歯肉			U0	分類不能		
KAL GA AH	Destruction of parotid gland	D7E	唾液腺			A8	結石破砕	E1	焼灼
KAL JB AA	Drainage of parotid gland	D7E	唾液腺			AA	穿刺	D3	開窓
KAL JB AE	Percutaneous drainage of parotid gland	D7E	唾液腺			AA	穿刺	D3	開窓
KAL JE AA	Extraction of calculus from parotid gland	D7E	唾液腺			A2	摘出		
KAL JJ AA	Partial excision of parotid gland	D7E	唾液腺			A1	切除	A4	郭清
KAL JK AA	Total excision of parotid gland	D7E	唾液腺			A1	切除	A4	郭清
KAL JL AA	Radical excision of parotid gland	D7E	唾液腺			A1	切除	A4	郭清
KAL LJ AA	Transposition of parotid gland	D7E	唾液腺			M2	移行	M4	植皮
KAL MK AA	Repair of parotid gland	D7E	唾液腺			L2	再建・修復	N2	形成
KAL SZ AZ	Other interventions on parotid gland, not elsewhere	D7E	唾液腺			U0	分類不能		
KAM AD AA	Open biopsy of salivary gland or duct	D7E	唾液腺			A9	試験切除・生検	M1	採取

(別表C) ICHI: Interventions on the Digestive System
KA: Mouth and pharynx

KAM AD AE	Closed biopsy of salivary gland or duct	D7E	唾液腺			A9	試験切除・生検	M1	採取
KAM AZ AZ	Other diagnostic interventions on salivary	D7E	唾液腺			なし			
KAM BA BA	X-ray of salivary gland	D7E	唾液腺			なし			
KAM BA BB	X-ray of salivary gland with contrast	D7E	唾液腺			なし			
KAM FA AA	Incision of salivary gland or duct	D7E	唾液腺			D2	切開		
KAM JB AA	Drainage of salivary gland	D7E	唾液腺			AA	穿刺	D3	開窓
KAM JB AE	Percutaneous drainage of salivary gland	D7E	唾液腺			AA	穿刺	D3	開窓
KAM JE AA	Extraction of calculus from salivary gland or duct	D7E	唾液腺			A2	摘出		
KAM JJ AA	Other excision of salivary gland lesion	D7E	唾液腺			A1	切除	A4	郭清
KAM JK AA	Complete sialoadenectomy	D7E	唾液腺			A1	切除	A4	郭清
KAM LB AA	Suture of laceration of salivary gland	D7E	唾液腺			C3	縫合	C6	吻合
KAM LG AA	Dilation of salivary duct	D7E	唾液腺			G1	狭窄解除(ブ	G2	拡張
KAM LJ AA	Transposition of duct of major salivary gland	D7E	唾液腺			M2	移行	M4	植皮
KAM MK AA	Other repair and plastic operations on salivary gland or duct	D7E	唾液腺			L2	再建・修復	N2	形成
KAM SZ AZ	Other interventions on salivary gland or duct, not elsewhere classified	D7E	唾液腺			U0	分類不能		
KAR AD AA	Biopsy of oral pharynx	D7J	咽頭・軟口蓋			A9	試験切除・生検	M1	採取
KAR AD AD	Endoscopic biopsy oral pharynx	D7J	咽頭・軟口蓋			A9	試験切除・生検	M1	採取
KAR AE AD	Pharyngoscopy	D7J	咽頭・軟口蓋			なし			
KAR AZ AZ	Other diagnostic interventions on oral pharynx	D7J	咽頭・軟口蓋			なし			
KAR BA BA	X-ray of oral pharynx	D7J	咽頭・軟口蓋			なし			
KAR DL AC	Insertion of oropharyngeal airway	D7J	咽頭・軟口蓋			H1	挿入	H2	留置
KAR FA AA	Oral pharyngotomy	D7J	咽頭・軟口蓋			D2	切開		
KAR FC AA	Lysis of oral pharyngeal adhesions	D7J	咽頭・軟口蓋			D7	開放		
KAR GA AA	Destruction of lesion or tissue of oral pharynx	D7J	咽頭・軟口蓋			A8	結石破砕	E1	焼灼
KAR JB AA	Drainage of oral pharynx	D7J	咽頭・軟口蓋			AA	穿刺	D3	開窓
KAR JB AC	Oropharyngeal suctioning	D7J	咽頭・軟口蓋			AA	穿刺	D3	開窓
KAR JB AD	Endoscopic drainage of oral pharynx	D7J	咽頭・軟口蓋			AA	穿刺	D3	開窓
KAR JB AE	Percutaneous drainage of oral pharynx	D7J	咽頭・軟口蓋			AA	穿刺	D3	開窓
KAR JD AA	Removal of foreign body or device from oropharynx with incision	D7J	咽頭・軟口蓋			A5	除去・除去・捻除	A6	結石摘出
KAR JD AC	Removal of foreign body or device from oropharynx without incision	D7J	咽頭・軟口蓋			A5	除去・除去・捻除	A6	結石摘出
KAR JI AA	Partial excision of lesion or tissue of oral pharynx	D7J	咽頭・軟口蓋			A1	切除	A4	郭清
KAR JJ AA	Partial oropharyngectomy	D7J	咽頭・軟口蓋			A1	切除	A4	郭清
KAR JJ AD	Endoscopic partial oropharyngectomy	D7J	咽頭・軟口蓋			A1	切除	A4	郭清
KAR LB AA	Suture of laceration of oral pharynx	D7J	咽頭・軟口蓋			C3	縫合	C6	吻合
KAR LG AC	Dilation of oral pharynx	D7J	咽頭・軟口蓋			G1	狭窄解除(ブ	G2	拡張
KAR LG AD	Endoscopic dilation of oral pharynx	D7J	咽頭・軟口蓋			G1	狭窄解除(ブ	G2	拡張
KAR MK AZ	Repair of oral pharynx	D7J	咽頭・軟口蓋			L2	再建・修復	N2	形成

(別表C) ICHI: Interventions on the Digestive System
KA: Mouth and pharynx

KAR SZ AZ	Other interventions on oral pharynx, not elsewhere classified	D7J	咽頭・軟口蓋			U0	分類不能		
KAS AD AA	Biopsy of uvula and soft palate	D7J	咽頭・軟口蓋			A9	試験切除・生検	M1	採取
KAS DN AA	Insertion of palatal implant	D7J	咽頭・軟口蓋			H1	挿入	H2	留置
KAS FA AA	Incision of palate	D7J	咽頭・軟口蓋			D2	切開		
KAS GA AC	Destruction of soft palate	D7J	咽頭・軟口蓋			A8	結石破砕	E1	焼灼
KAS JB AC	Drainage of soft palate	D7J	咽頭・軟口蓋			AA	穿刺	D3	開窓
KAS JD AA	Removal of foreign body or device, soft palate	D7J	咽頭・軟口蓋			A5	除去・除去・捻除	A6	結石摘出
KAS JI AA	Local excision of lesion of uvula	D7J	咽頭・軟口蓋			A1	切除	A4	郭清
KAS JJ AA	Partial excision of soft palate	D7J	咽頭・軟口蓋			A1	切除	A4	郭清
KAS JK AA	Total excision of uvula	D7J	咽頭・軟口蓋			A1	切除	A4	郭清
KAS LB AA	Repair of soft palate or uvula	D7J	咽頭・軟口蓋			C3	縫合	C6	吻合
KAS MK AA	Correction of cleft palate	D7J	咽頭・軟口蓋			L2	再建・修復	N2	形成
KAS ML AA	Reconstruction of soft palate and uvula	D7J	咽頭・軟口蓋			L2	再建・修復	N2	形成
KAS SY AZ	Other interventions on soft palate, not elsewhere classified	D7J	咽頭・軟口蓋			W0	その他		
KAT AD AA	Biopsy of bony palate	D71	口蓋			A9	試験切除・生検	M1	採取
KAT DN AA	Implantation of internal device of hard palate	D71	口蓋			H1	挿入	H2	留置
KAT GA AA	Destruction of lesion or tissue of bony palate	D71	口蓋			A8	結石破砕	E1	焼灼
KAT JD AA	Removal of foreign body or device of hard palate	D71	口蓋			A5	除去・除去・捻除	A6	結石摘出
KAT JI AA	Local excision of lesion or tissue of bony palate	D71	口蓋			A1	切除	A4	郭清
KAT JJ AA	Partial excision of hard palate	D71	口蓋			A1	切除	A4	郭清
KAT MK AA	Repair of hard palate	D71	口蓋			L2	再建・修復	N2	形成
KAT ML AA	Reconstruction of hard palate	D71	口蓋			L2	再建・修復	N2	形成
KAZ AD AC	Biopsy of mouth, unspecified structure	D7K	口腔			A9	試験切除・生検	M1	採取
KAZ AZ AZ	Other diagnostic interventions on oral cavity	D7K	口腔			なし			
KAZ FA AC	Incision of mouth, unspecified structure	D7K	口腔			D2	切開		
KAZ GA AC	Destruction of mouth	D7K	口腔			A8	結石破砕	E1	焼灼
KAZ JB AC	Drainage of floor of oral cavity	D7K	口腔			AA	穿刺	D3	開窓
KAZ JB AE	Percutaneous drainage of floor of oral cavity	D7K	口腔			AA	穿刺	D3	開窓
KAZ JD AA	Removal of foreign body or device from mouth	D7K	口腔			A5	除去・除去・捻除	A6	結石摘出
KAZ JD AC	Removal of foreign body or device from mouth without incision	D7K	口腔			A5	除去・除去・捻除	A6	結石摘出
KAZ JG AC	Debridement of oral cavity	D7K	口腔			D8	搔破		
KAZ JI AA	Excision of cyst of mouth	D7K	口腔			A1	切除	A4	郭清
KAZ JJ AC	Other excision of oral cavity	D7K	口腔			A1	切除	A4	郭清
KAZ LB AC	Suture of laceration of other part of mouth	D7K	口腔			C3	縫合	C6	吻合
KAZ LK AC	Extension or deepening of buccolabial or lingual sulcus	D7K	口腔			N2	形成		
KAZ MK AC	Other plastic repair of mouth	D7K	口腔			L2	再建・修復	N2	形成
KAZ ML AA	Skin graft to mouth	D7K	口腔			L2	再建・修復	N2	形成
KAZ SZ AZ	Other interventions on oral cavity	D7K	口腔			U0	分類不能		

(別表C) ICHI: Interventions on the Digestive System
KB: Gastrointestinal tract

ICHI_Code	ICHIDescriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Target→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Target→ 基本操作 (日本語) 2
KBA AB AC	Oesophageal manometry	Q12	食道			なし			
KBA AD AA	Open biopsy of oesophagus	Q12	食道			A9	試験切 除・生検	M1	採取
KBA AD AD	Endoscopic biopsy of oesophagus	Q12	食道			A9	試験切 除・生検	M1	採取
KBA AD AE	Percutaneous biopsy of oesophagus	Q12	食道			A9	試験切 除・生検	M1	採取
KBA AE AD	Oesophagoscopy	Q12	食道			なし			
KBA AZ AZ	Other diagnostic interventions on oesophagus	Q12	食道			なし			
KBA BA BA	X-ray of oesophagus	Q12	食道			なし			
KBA DB AD	Endoscopic administration of agent into lesion of oesophagus	Q12	食道			なし			
KBA DL AC	Insertion of device into oesophagus	Q12	食道			H1	挿入	H2	留置
KBA DN AD	Endoscopic insertion of oesophageal prosthesis	Q12	食道			H1	挿入	H2	留置
KBA FA AA	Incision of oesophagus	Q12	食道			D2	切開		
KBA FA AD	Endoscopic incision of oesophageal web	Q12	食道			D2	切開		
KBA FC AA	Release of oesophagus	Q12	食道			D7	開放		
KBA FC AB	Laparoscopic release of oesophagus	Q12	食道			D7	開放		
KBA GA AD	Endoscopic destruction of lesion or tissue of oesophagus	Q12	食道			A8	結石破 砕	E1	焼灼
KBA GA AZ	Other destruction of lesion or tissue of oesophagus	Q12	食道			A8	結石破 砕	E1	焼灼
KBA JD AA	Removal of foreign body or device from oesophagus with incision	Q12	食道			A5	除去・抜 去・捻除	A6	結石摘出
KBA JD AC	Removal of foreign body or device from oesophagus without incision	Q12	食道			A5	除去・抜 去・捻除	A6	結石摘出
KBA JD AD	Endoscopic removal of foreign body or device from oesophagus	Q12	食道			A5	除去・抜 去・捻除	A6	結石摘出
KBA JI AA	Local excision of other lesion or tissue of oesophagus	Q12	食道			A1	切除	A4	郭清
KBA JI AD	Endoscopic excision of lesion or tissue of oesophagus	Q12	食道			A1	切除	A4	郭清
KBA JJ AA	Partial oesophagectomy	Q12	食道			A1	切除	A4	郭清
KBA JK AA	Total oesophagectomy	Q12	食道			A1	切除	A4	郭清
KBA KA AC	Replacement of oesophagostomy tube	Q12	食道			M3	置換		
KBA LA AD	Occlusion of oesophageal varices	Q12	食道			C2	結紮	C5	クリッピング
KBA LB AA	Anastomosis and suturing of oesophagus	Q12	食道			C3	縫合	C6	吻合
KBA LG AC	Dilation of oesophagus	Q12	食道			G1	狭窄解 除(ブ	G2	拡張
KBA LG AD	Endoscopic dilation of oesophagus	Q12	食道			G1	狭窄解 除(ブ	G2	拡張
KBA LI AA	Oesophagostomy	Q12	食道			N1	シャント	N4	造設
KBA MK AA	Other repair of oesophagus	Q12	食道			L2	再建・修 復	N2	形成
KBA ML AA	Other reconstruction of oesophagus	Q12	食道			L2	再建・修 復	N2	形成
KBA SN AC	Management of internal device for oesophagus	Q12	食道			なし			
KBA SZ AD	Other endoscopic interventions on oesophagus, not elsewhere classified	Q12	食道			U0	分類不 能		
KBA SZ AZ	Other interventions on oesophagus, not elsewhere classified	Q12	食道			U0	分類不 能		

(別表C) ICHI: Interventions on the Digestive System
KB: Gastrointestinal tract

KBE FC AA	Release gastroesophageal junction	Q16	胃食道接合部			D7	開放		
KBE FC AB	Laparoscopic release of gastroesophageal junction	Q16	胃食道接合部			D7	開放		
KBF AC AH	14 C-Urea breath test	Q21	胃			なし			
KBF AD AA	Open biopsy of stomach	Q21	胃			A9	試験切除・生検	M1	採取
KBF AD AD	Endoscopic biopsy of stomach	Q21	胃			A9	試験切除・生検	M1	採取
KBF AE AD	Gastroscopy	Q21	胃			なし			
KBF AE AG	Transabdominal gastroscopy	Q21	胃			なし			
KBF AZ AZ	Other diagnostic interventions on stomach	Q21	胃			なし			
KBF DB AD	Endoscopic administration of agent into lesion of stomach	Q21	胃			なし			
KBF DL AC	Insertion of other naso-gastric tube	Q21	胃			H1	挿入	H2	留置
KBF DL AD	Endoscopic insertion of device in stomach	Q21	胃			H1	挿入	H2	留置
KBF DL AJ	Insertion of percutaneous endoscopic gastrostomy	Q21	胃			H1	挿入	H2	留置
KBF FA AA	Gastrotomy	Q21	胃			D2	切開		
KBF GA AD	Endoscopic destruction of lesion or tissue of stomach	Q21	胃			A8	結石破砕	E1	焼灼
KBF GA AZ	Other destruction of lesion or tissue of stomach	Q21	胃			A8	結石破砕	E1	焼灼
KBF JA AC	Gastric lavage	Q21	胃			なし			
KBF JB AC	Drainage of stomach	Q21	胃			AA	穿刺	D3	開窓
KBF JD AA	Removal of foreign body or device of stomach	Q21	胃			A5	除去・除去・捻除	A6	結石摘出
KBF JD AB	Laparoscopic removal of foreign body or device of stomach	Q21	胃			A5	除去・除去・捻除	A6	結石摘出
KBF JD AC	Removal of foreign body or device from stomach without incision	Q21	胃			A5	除去・除去・捻除	A6	結石摘出
KBF JD AD	Endoscopic removal of foreign body or device from stomach without incision	Q21	胃			A5	除去・除去・捻除	A6	結石摘出
KBF JI AA	Local excision of other lesion or tissue of stomach	Q21	胃			A1	切除	A4	郭清
KBF JI AD	Endoscopic excision of lesion or tissue of stomach	Q21	胃			A1	切除	A4	郭清
KBF JJ AA	Partial gastrectomy	Q21	胃			A1	切除	A4	郭清
KBF JJ AB	Laparoscopic partial gastrectomy	Q21	胃			A1	切除	A4	郭清
KBF JK AA	Total gastrectomy	Q21	胃			A1	切除	A4	郭清
KBF JK AB	Laparoscopic total gastrectomy	Q21	胃			A1	切除	A4	郭清
KBF JL AA	Radical gastrectomy	Q21	胃			A1	切除	A4	郭清
KBF JL AB	Laparoscopic radical gastrectomy	Q21	胃			A1	切除	A4	郭清
KBF KA AC	Replacement of gastric device	Q21	胃			M3	置換		
KBF LA AA	Closure of gastrostomy	Q21	胃			C2	結紮	C5	クリッピング
KBF LA AD	Endoscopic control of gastric bleeding	Q21	胃			C2	結紮	C5	クリッピング
KBF LA AF	Transcatheter embolization for gastric bleeding	Q21	胃			C2	結紮	C5	クリッピング
KBF LA AZ	Other control of haemorrhage of stomach	Q21	胃			C2	結紮	C5	クリッピング
KBF LB AA	Suture of stomach	Q21	胃			C3	縫合	C6	吻合
KBF LC AA	Gastropexy	Q21	胃			なし			
KBF LC AB	Laparoscopic gastropexy	Q21	胃			なし			
KBF LD AA	Repositioning of stomach	Q21	胃			なし			

(別表C) ICHI: Interventions on the Digestive System
KB: Gastrointestinal tract

KBF LD AB	Laparoscopic repositioning of stomach	Q21	胃			なし			
KBF LD AD	Endoscopic repositioning of stomach	Q21	胃			なし			
KBF LG AA	Pyloroplasty	Q21	胃			G1	狭窄解除(ブ)	G2	拡張
KBF LG AB	Laparoscopic pyloroplasty	Q21	胃			G1	狭窄解除(ブ)	G2	拡張
KBF LG AD	Endoscopic dilation of pylorus	Q21	胃			G1	狭窄解除(ブ)	G2	拡張
KBF LI AA	Gastric bypass	Q21	胃			N1	シャント	N4	造設
KBF LI AB	Laparoscopic gastric bypass	Q21	胃			N1	シャント	N4	造設
KBF LI AJ	Percutaneous gastrostomy	Q21	胃			N1	シャント	N4	造設
KBF LL AA	Gastric restrictive procedure	Q21	胃			C4	縫縮	N2	形成
KBF LL AB	Laparoscopic gastroplasty	Q21	胃			C4	縫縮	N2	形成
KBF MK AA	Repair of stomach	Q21	胃			L2	再建・修復	N2	形成
KBF MK AB	Laparoscopic repair of stomach	Q21	胃			L2	再建・修復	N2	形成
KBF ML AA	Reconstruction interventions on stomach	Q21	胃			L2	再建・修復	N2	形成
KBF PA AA	Intraoperative manipulation of stomach	Q21	胃			L1	整復		
KBF SE AC	Gastric hypothermia	Q21	胃			なし			
KBF SN AB	Laparoscopic adjustment of internal device of stomach	Q21	胃			なし			
KBF SZ AZ	Other interventions on stomach, not elsewhere classified	Q21	胃			U0	分類不能		
KBI AB AC	Duodenal manometry	Q31	十二指腸			なし			
KBI AD AD	Endoscopic biopsy of duodenum	Q31	十二指腸			A9	試験切除・生検	M1	採取
KBI AE AD	Oesophagogastroduodenoscopy	Q31	十二指腸			なし			
KBI BA BB	Hypertonic Duodenography	Q31	十二指腸			なし			
KBI DB AD	Endoscopic administration of agent into lesion of	Q31	十二指腸			なし			
KBI DN AD	Endoscopic insertion of device into duodenum	Q31	十二指腸			H1	挿入	H2	留置
KBI FA AA	Incision of duodenum	Q31	十二指腸			D2	切開		
KBI GA AD	Endoscopic destruction of lesion of duodenum	Q31	十二指腸			A8	結石破砕	E1	焼灼
KBI JD AD	Endoscopic removal of duodenal device	Q31	十二指腸			A5	除去・抜去・捻除	A6	結石摘出
KBI JI AA	Local excision of lesion of duodenum	Q31	十二指腸			A1	切除	A4	郭清
KBI JI AD	Endoscopic excision of lesion of duodenum	Q31	十二指腸			A1	切除	A4	郭清
KBI JJ AA	Partial excision of duodenum	Q31	十二指腸			A1	切除	A4	郭清
KBI JJ AB	Laparoscopic partial excision of duodenum	Q31	十二指腸			A1	切除	A4	郭清
KBI KA AD	Endoscopic replacement of duodenal device	Q31	十二指腸			M3	置換		
KBI LB AA	Suture of duodenum	Q31	十二指腸			C3	縫合	C6	吻合
KBI LI AA	Duodenostomy	Q31	十二指腸			N1	シャント	N4	造設
KBI MK AA	Closure of fistula of duodenum	Q31	十二指腸			L2	再建・修復	N2	形成
KBI ML AA	Reconstruction of duodenum	Q31	十二指腸			L2	再建・修復	N2	形成
KBK AD AA	Open biopsy of small intestine	Q41	小腸			A9	試験切除・生検	M1	採取
KBK AD AD	Endoscopic biopsy of small intestine	Q41	小腸			A9	試験切除・生検	M1	採取
KBK AE AD	Endoscopy of small intestine through artificial stoma	Q41	小腸			なし			
KBK AE AG	Transabdominal endoscopy of small intestine	Q41	小腸			なし			

(別表C) ICHI: Interventions on the Digestive System
KB: Gastrointestinal tract

KBK AZ AZ	Other diagnostic interventions on small	Q41	小腸			なし			
KBK BA BB	Small bowel series	Q41	小腸			なし			
KBK DF AZ	Local perfusion of small intestine, except duodenum	Q41	小腸			なし			
KBK DL AC	Insertion of naso-intestinal tube	Q41	小腸			H1	挿入	H2	留置
KBK DN AA	Insertion of internal device of small intestine, except duodenum	Q41	小腸			H1	挿入	H2	留置
KBK DN AB	Laparoscopic insertion of internal device of small intestine, except duodenum	Q41	小腸			H1	挿入	H2	留置
KBK DN AJ	Percutaneous endoscopic insertion of internal device of small intestine, except duodenum	Q41	小腸			H1	挿入	H2	留置
KBK FA AA	Incision of small intestine, except duodenum	Q41	小腸			D2	切開		
KBK GA AA	Other destruction of lesion of small intestine, except duodenum	Q41	小腸			A8	結石破砕	E1	焼灼
KBK JD AA	Removal of foreign body or device from small intestine, except duodenum	Q41	小腸			A5	除去・除去・捻除	A6	結石摘出
KBK JD AB	Laparoscopic removal of foreign body or device from small intestine, except duodenum	Q41	小腸			A5	除去・除去・捻除	A6	結石摘出
KBK JI AA	Local excision of lesion or tissue of small intestine, except duodenum	Q41	小腸			A1	切除	A4	郭清
KBK JI AB	Laparoscopic excision of lesion or tissue of small intestine, except duodenum	Q41	小腸			A1	切除	A4	郭清
KBK JJ AA	Partial resection of small intestine, except duodenum	Q41	小腸			A1	切除	A4	郭清
KBK JJ AB	Laparoscopic partial resection of small intestine, except duodenum	Q41	小腸			A1	切除	A4	郭清
KBK JK AA	Total removal of small intestine, except duodenum	Q41	小腸			A1	切除	A4	郭清
KBK KA AC	Replacement of tube or enterostomy device of small intestine	Q41	小腸			M3	置換		
KBK LB AA	Anastomosis and suture of small intestine, except duodenum	Q41	小腸			C3	縫合	C6	吻合
KBK LB AB	Laparoscopic anastomosis and suture of small intestine, except duodenum	Q41	小腸			C3	縫合	C6	吻合
KBK LC AA	Fixation of small intestine, except duodenum	Q41	小腸			なし			
KBK LD AH	Manual reduction of enterostomy prolapse	Q41	小腸			なし			
KBK LG AC	Dilation and manipulation of enterostomy stoma	Q41	小腸			G1	狭窄解除(ブ	G2	拡張
KBK LI AA	Bypass of small intestine	Q41	小腸			N1	シャント	N4	造設
KBK LI AB	Laparoscopic bypass of small intestine	Q41	小腸			N1	シャント	N4	造設
KBK LJ AA	Isolation of segment of small intestine, except duodenum	Q41	小腸			M2	移行	M4	植皮
KBK MK AA	Revision of anastomosis of small intestine, except duodenum	Q41	小腸			L2	再建・修復	N2	形成
KBK PA AA	Intra-abdominal manipulation of small intestine, except duodenum	Q41	小腸			L1	整復		
KBK SZ AZ	Other interventions on intestines, except duodenum, not elsewhere classified	Q41	小腸			U0	分類不能		
KBO JK AA	Appendectomy	Q52	虫垂			A1	切除	A4	郭清
KBO JK AB	Laparoscopic appendectomy	Q52	虫垂			A1	切除	A4	郭清
KBO LI AA	Appendicostomy	Q52	虫垂			N1	シャント	N4	造設

(別表C) ICHI: Interventions on the Digestive System
KB: Gastrointestinal tract

KBO MK AA	Closure of appendiceal fistula	Q52	虫垂			L2	再建・修復	N2	形成
KBO SZ AZ	Other interventions on appendix, not elsewhere classified	Q52	虫垂			U0	分類不能		
KBP AD AA	Open biopsy of colon	Q54	結腸			A9	試験切除・生検	M1	採取
KBP AD AD	Endoscopic biopsy of colon	Q54	結腸			A9	試験切除・生検	M1	採取
KBP AE AD	Colonoscopy	Q54	結腸			なし			
KBP BA BC	Computerised tomography of colon, not elsewhere classified	Q54	結腸			なし			
KBP BA BD	Computerised tomography of colon with intravenous contrast	Q54	結腸			なし			
KBP DL AD	Endoscopic insertion of colonic stent	Q54	結腸			H1	挿入	H2	留置
KBP FA AA	Colotomy	Q54	結腸			D2	切開		
KBP GA AD	Endoscopic destruction of other lesion or tissue of	Q54	結腸			A8	結石破砕	E1	焼灼
KBP GA AZ	Destruction of other lesion or tissue of colon	Q54	結腸			A8	結石破砕	E1	焼灼
KBP JA AZ	Local irrigation of colon	Q54	結腸			なし			
KBP JD AA	Removal of foreign body or device of colon	Q54	結腸			A5	除去・抜去・捻除	A6	結石摘出
KBP JD AD	Endoscopic removal of foreign body or device of	Q54	結腸			A5	除去・抜去・捻除	A6	結石摘出
KBP JI AA	Excision of lesion or tissue of colon	Q54	結腸			A1	切除	A4	郭清
KBP JI AD	Endoscopic excision of lesion or tissue of colon	Q54	結腸			A1	切除	A4	郭清
KBP JJ AA	Partial excision of colon	Q54	結腸			A1	切除	A4	郭清
KBP JJ AB	Laparoscopic partial excision of colon	Q54	結腸			A1	切除	A4	郭清
KBP JK AA	Open colectomy	Q54	結腸			A1	切除	A4	郭清
KBP JK AB	Laparoscopic colectomy	Q54	結腸			A1	切除	A4	郭清
KBP KA AD	Endoscopic replacement of colonic device	Q54	結腸			M3	置換		
KBP LB AA	Anastomosis and suturing of colon	Q54	結腸			C3	縫合	C6	吻合
KBP LG AD	Endoscopic dilatation of colon	Q54	結腸			G1	狭窄解除(ブ)	G2	拡張
KBP LI AA	Colostomy	Q54	結腸			N1	シャント	N4	造設
KBP MK AA	Repair of colon	Q54	結腸			L2	再建・修復	N2	形成
KBP SZ AZ	Other interventions on colon, not elsewhere classified	Q54	結腸			U0	分類不能		
KBU AD AA	Open biopsy of sigmoid colon	Q58	S状結腸			A9	試験切除・生検	M1	採取
KBU AD AD	Endoscopic biopsy of sigmoid colon	Q58	S状結腸			A9	試験切除・生検	M1	採取
KBU AE AD	Sigmoidoscopy	Q58	S状結腸			なし			
KBU JJ AB	Laparoscopic sigmoidectomy	Q58	S状結腸			A1	切除	A4	郭清
KBW AD AA	Open biopsy of rectum	Q5A	直腸			A9	試験切除・生検	M1	採取
KBW AD AD	Rectoscopy with biopsy	Q5A	直腸			A9	試験切除・生検	M1	採取
KBW AD AE	Percutaneous biopsy of rectum	Q5A	直腸			A9	試験切除・生検	M1	採取
KBW AE AC	Examination of rectum	Q5A	直腸			なし			
KBW AE AD	Rectoscopy	Q5A	直腸			なし			
KBW AE AG	Transabdominal rectoscopy	Q5A	直腸			なし			
KBW DL AC	Insertion of rectal tube	Q5A	直腸			H1	挿入	H2	留置
KBW FA AA	Proctotomy	Q5A	直腸			D2	切開		

(別表C) ICHI: Interventions on the Digestive System
KB: Gastrointestinal tract

KBW GA AC	Destruction of rectal lesion or tissue	Q5A	直腸			A8	結石破砕	E1	焼灼
KBW GA AD	Endoscopic destruction of other lesion or tissue of rectum	Q5A	直腸			A8	結石破砕	E1	焼灼
KBW GA AF	Percutaneous destruction of other lesion or tissue of rectum	Q5A	直腸			A8	結石破砕	E1	焼灼
KBW GA AZ	Destruction of other lesion or tissue of rectum	Q5A	直腸			A8	結石破砕	E1	焼灼
KBW JA AC	Irrigation of rectum	Q5A	直腸			なし			
KBW JB AA	Drainage of rectum and perirectal area	Q5A	直腸			AA	穿刺	D3	開窓
KBW JB AC	Removal of impacted faeces	Q5A	直腸			AA	穿刺	D3	開窓
KBW JD AC	Removal of foreign body or device from rectum without incision	Q5A	直腸			A5	除去・除去・捻除	A6	結石摘出
KBW JD AD	Endoscopic removal of foreign body or device from rectum without incision	Q5A	直腸			A5	除去・除去・捻除	A6	結石摘出
KBW JI AA	Excision of lesion or tissue of rectum	Q5A	直腸			A1	切除	A4	郭清
KBW JI AC	Transanal excision of rectal lesion or tissue	Q5A	直腸			A1	切除	A4	郭清
KBW JI AD	Endoscopic excision of lesion or tissue of rectum	Q5A	直腸			A1	切除	A4	郭清
KBW JJ AA	Resection of rectum	Q5A	直腸			A1	切除	A4	郭清
KBW JJ AB	Laparoscopic resection of rectum	Q5A	直腸			A1	切除	A4	郭清
KBW JJ AC	Transanal resection of rectum	Q5A	直腸			A1	切除	A4	郭清
KBW JK AA	Total excision of rectum	Q5A	直腸			A1	切除	A4	郭清
KBW KA AC	Replacement of rectal tube	Q5A	直腸			M3	置換		
KBW LA AA	Closure of proctostomy	Q5A	直腸			C2	結紮	C5	クリッピング
KBW LB AA	Anastomosis and suturing of rectum	Q5A	直腸			C3	縫合	C6	吻合
KBW LB AB	Laparoscopic anastomosis and suture of rectum	Q5A	直腸			C3	縫合	C6	吻合
KBW LB AC	Transanal anastomosis and suturing of rectum	Q5A	直腸			C3	縫合	C6	吻合
KBW LB AZ	Other repair of rectum	Q5A	直腸			C3	縫合	C6	吻合
KBW LD AA	Rectopexy	Q5A	直腸			なし			
KBW LD AH	Manual reduction of rectal prolapse	Q5A	直腸			なし			
KBW LG AC	Dilation of rectum	Q5A	直腸			G1	狭窄解除(ブ)	G2	拡張
KBW LG AD	Endoscopic dilatation of rectum	Q5A	直腸			G1	狭窄解除(ブ)	G2	拡張
KBW LI AA	Proctostomy	Q5A	直腸			N1	シヤント	N4	造設
KBW MK AA	Repair of rectum	Q5A	直腸			L2	再建・修復	N2	形成
KBW SY AC	Rectal packing	Q5A	直腸			W0	その他		
KBW SZ AZ	Other interventions on rectum and perirectal tissue, not elsewhere classified	Q5A	直腸			U0	分類不能		
KBX AD AA	Biopsy of anus	Q5E	肛門			A9	試験切除・生検	M1	採取
KBX AD AE	Percutaneous biopsy of anus	Q5E	肛門			A9	試験切除・生検	M1	採取
KBX AE AD	Anoscopy	Q5E	肛門			なし			
KBX AE AH	Digital examination of anus	Q5E	肛門			なし			
KBX AZ AZ	Other diagnostic interventions on anus and	Q5E	肛門			なし			
KBX DB AF	Injection of agent to anus	Q5E	肛門			なし			
KBX DN AA	Insertion of subcutaneous electrical anal stimulator	Q5E	肛門			H1	挿入	H2	留置

(別表C) ICHI: Interventions on the Digestive System
KB: Gastrointestinal tract

KBX FA AA	Incision of anus and perianal tissue	Q5E	肛門			D2	切開		
KBX FB AA	Division of anal sphincter, not elsewhere classified	Q5E	肛門			D1	切離		
KBX GA AA	Destruction of lesion or tissue of anus	Q5E	肛門			A8	結石破砕	E1	焼灼
KBX GA AD	Endoscopic destruction of lesion or tissue of anus	Q5E	肛門			A8	結石破砕	E1	焼灼
KBX GA AE	Percutaneous destruction of lesion or tissue of anus	Q5E	肛門			A8	結石破砕	E1	焼灼
KBX JB AA	Drainage of anus	Q5E	肛門			AA	穿刺	D3	開窓
KBX JB AE	Percutaneous drainage of anus	Q5E	肛門			AA	穿刺	D3	開窓
KBX JD AA	Removal of artificial anal sphincter	Q5E	肛門			A5	除去・除去・捻除	A6	結石摘出
KBX JD AC	Removal of foreign body or device from anus without incision	Q5E	肛門			A5	除去・除去・捻除	A6	結石摘出
KBX JD AD	Endoscopic removal of foreign body or device from anus without incision	Q5E	肛門			A5	除去・除去・捻除	A6	結石摘出
KBX JI AA	Local excision of lesion or tissue of anus	Q5E	肛門			A1	切除	A4	郭清
KBX JI AD	Endoscopic excision of lesion or tissue of anus	Q5E	肛門			A1	切除	A4	郭清
KBX JJ AA	Other excision of perianal tissue	Q5E	肛門			A1	切除	A4	郭清
KBX JJ AC	Excision of anal tissue	Q5E	肛門			A1	切除	A4	郭清
KBX LA AC	Ligation of anal tissue	Q5E	肛門			C2	結紮	C5	クリッピング
KBX LA AZ	Control of haemorrhage of anus	Q5E	肛門			C2	結紮	C5	クリッピング
KBX LB AA	Suture of anus	Q5E	肛門			C3	縫合	C6	吻合
KBX LD AA	Reduction of anal prolapse	Q5E	肛門			なし			
KBX LG AC	Dilation of anal sphincter	Q5E	肛門			G1	狭窄解除(ブ)	G2	拡張
KBX LL AA	Anal cerclage	Q5E	肛門			C4	縫縮	N2	形成
KBX MK AA	Repair of anal sphincter	Q5E	肛門			L2	再建・修復	N2	形成
KBX ML AA	Anal or perineal graciloplasty	Q5E	肛門			L2	再建・修復	N2	形成
KBX SN AE	Management of internal device of anus	Q5E	肛門			なし			
KBX SZ AZ	Other interventions on anus, not elsewhere classified	Q5E	肛門			U0	分類不能		
KBZ AY AZ	Other diagnostic interventions on large intestine, not elsewhere	Q51	大腸			なし			
KBZ JI AA	Excision of lesion or tissue of large intestine, not elsewhere classified	Q51	大腸			A1	切除	A4	郭清
KBZ JJ AA	Other and unspecified partial excision of large intestine, not elsewhere classified	Q51	大腸			A1	切除	A4	郭清
KBZ JJ AB	Laparoscopic partial excision of large intestine, not elsewhere classified	Q51	大腸			A1	切除	A4	郭清
KBZ LB AA	Large intestinal anastomosis, not elsewhere classified	Q51	大腸			C3	縫合	C6	吻合
KBZ LC AA	Fixation of large intestine, not elsewhere classified	Q51	大腸			なし			
KBZ SZ AZ	Other interventions on large intestine, not elsewhere classified	Q51	大腸			U0	分類不能		

(別表C) ICHI: Interventions on the Digestive System
 KC: Hepatic and biliary structures

ICHI Code	ICHIDescriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
KCA AD AA	Open biopsy of liver	Q72	肝臓			A9	試験切 除・生検	M1	採取
KCA AD AB	Laparoscopic liver biopsy	Q72	肝臓			A9	試験切 除・生検	M1	採取
KCA AD AE	Closed biopsy of liver	Q72	肝臓			A9	試験切 除・生検	M1	採取
KCA AD AF	Transjugular liver biopsy	Q72	肝臓			A9	試験切 除・生検	M1	採取
KCA AZ AZ	Other diagnostic interventions on liver	Q72	肝臓			なし			
KCA BA BB	Percutaneous hepatic cholangiogram	Q72	肝臓			なし			
KCA BA BE	Liver scan and radioisotope function study	Q72	肝臓			なし			
KCA BA BJ	Ultrasound of liver	Q72	肝臓			なし			
KCA DB AE	Injection of therapeutic substance into liver	Q72	肝臓			なし			
KCA DF AE	Localized perfusion of liver	Q72	肝臓			なし			
KCA FA AA	Hepatotomy	Q72	肝臓			D2	切開		
KCA GA AA	Open ablation of liver lesion or tissue	Q72	肝臓			A8	結石破 砕	E1	焼灼
KCA GA AB	Laparoscopic ablation of liver lesion or tissue	Q72	肝臓			A8	結石破 砕	E1	焼灼
KCA GA AE	Percutaneous ablation of liver lesion or tissue	Q72	肝臓			A8	結石破 砕	E1	焼灼
KCA GA AH	Laser interstitial thermal therapy of tissue of liver under guidance	Q72	肝臓			A8	結石破 砕	E1	焼灼
KCA GA AZ	Other destruction of lesion of liver	Q72	肝臓			A8	結石破 砕	E1	焼灼
KCA JB AA	Drainage of liver	Q72	肝臓			AA	穿刺	D3	開窓
KCA JB AB	Laparoscopic drainage of liver	Q72	肝臓			AA	穿刺	D3	開窓
KCA JB AE	Percutaneous drainage of liver	Q72	肝臓			AA	穿刺	D3	開窓
KCA JC AE	Extracorporeal hepatic assistance	Q72	肝臓			なし			
KCA JD AA	Removal of foreign body or device from liver	Q72	肝臓			A5	除去・抜 去・捻除	A6	結石摘出
KCA JD AE	Percutaneous removal of foreign body or device from liver	Q72	肝臓			A5	除去・抜 去・捻除	A6	結石摘出
KCA JG AA	Debridement of liver	Q72	肝臓			D8	搔破		
KCA JG AB	Laparoscopic debridement of liver	Q72	肝臓			D8	搔破		
KCA JG AE	Percutaneous debridement of liver	Q72	肝臓			D8	搔破		
KCA JH AA	Procurement of liver	Q72	肝臓			なし			
KCA JJ AA	Partial hepatectomy	Q72	肝臓			A1	切除	A4	郭清
KCA JJ AB	Laparoscopic partial hepatectomy	Q72	肝臓			A1	切除	A4	郭清
KCA JK AA	Total hepatectomy	Q72	肝臓			A1	切除	A4	郭清
KCA KD AA	Liver transplant	Q72	肝臓			M4	植皮	M7	移植
KCA LB AA	Closure of laceration of liver	Q72	肝臓			C3	縫合	C6	吻合
KCA LD AA	Hepatopexy	Q72	肝臓			なし			
KCA MK AA	Other repair of liver	Q72	肝臓			L2	再建・修 復	N2	形成
KCA SN AZ	Management of internal device of liver	Q72	肝臓			なし			
KCA SZ AZ	Other interventions on liver, not elsewhere classified	Q72	肝臓			U0	分類不 能		
KCF AD AA	Open biopsy of gallbladder	Q81	胆嚢			A9	試験切 除・生検	M1	採取

(別表C) ICHI: Interventions on the Digestive System
 KC: Hepatic and biliary structures

KCF AD AB	Laparoscopic biopsy of gallbladder	Q81	胆嚢			A9	試験切除・生検	M1	採取
KCF AD AD	Endoscopic biopsy of gallbladder	Q81	胆嚢			A9	試験切除・生検	M1	採取
KCF AD AE	Percutaneous biopsy of gallbladder	Q81	胆嚢			A9	試験切除・生検	M1	採取
KCF BA BB	Cholecystogram	Q81	胆嚢			なし			
KCF BA BE	Nuclear study of gallbladder	Q81	胆嚢			なし			
KCF GA BJ	Extracorporeal shockwave lithotripsy of the gallbladder	Q81	胆嚢			A8	結石破砕	E1	焼灼
KCF JB AA	Cholecystostomy	Q81	胆嚢			AA	穿刺	D3	開窓
KCF JB AB	Laparoscopic drainage of gallbladder	Q81	胆嚢			AA	穿刺	D3	開窓
KCF JB AE	Percutaneous aspiration of gallbladder	Q81	胆嚢			AA	穿刺	D3	開窓
KCF JD AC	Removal of foreign body or device from gallbladder	Q81	胆嚢			A5	除去・除去・捻除	A6	結石摘出
KCF JE AA	Cholelithotomy, not elsewhere classified	Q81	胆嚢			A2	摘出		
KCF JJ AA	Partial cholecystectomy	Q81	胆嚢			A1	切除	A4	郭清
KCF JJ AB	Laparoscopic partial cholecystectomy	Q81	胆嚢			A1	切除	A4	郭清
KCF JK AA	Cholecystectomy	Q81	胆嚢			A1	切除	A4	郭清
KCF JK AB	Laparoscopic cholecystectomy	Q81	胆嚢			A1	切除	A4	郭清
KCF LB AA	Repair of laceration of gallbladder	Q81	胆嚢			C3	縫合	C6	吻合
KCF LB AB	Laparoscopic repair of laceration of gallbladder	Q81	胆嚢			C3	縫合	C6	吻合
KCF LI AA	Gallbladder anastomosis	Q81	胆嚢			N1	シャント	N4	造設
KCF MK AA	Closure of cholecystostomy	Q81	胆嚢			L2	再建・修復	N2	形成
KCF SN AC	Irrigation of cholecystostomy and other biliary tube	Q81	胆嚢			なし			
KCF SZ AZ	Other interventions on gall bladder, not elsewhere classified	Q81	胆嚢			U0	分類不能		
KCM AB AD	Pressure measurement of sphincter of Oddi	Q86	肝門部胆管	Q83	総肝管	なし			
KCM AD AA	Open biopsy of bile duct	Q86	肝門部胆管	Q83	総肝管	A9	試験切除・生検	M1	採取
KCM AD AB	Laparoscopic biopsy of bile ducts	Q86	肝門部胆管	Q83	総肝管	A9	試験切除・生検	M1	採取
KCM AD AD	Other closed biopsy of biliary duct or sphincter of Oddi	Q86	肝門部胆管	Q83	総肝管	A9	試験切除・生検	M1	採取
KCM AD AE	Percutaneous biopsy of bile duct	Q86	肝門部胆管	Q83	総肝管	A9	試験切除・生検	M1	採取
KCM AE AA	Exploration of common duct	Q86	肝門部胆管	Q83	総肝管	なし			
KCM AE AB	Laparoscopic exploration of common bile duct	Q86	肝門部胆管	Q83	総肝管	なし			
KCM AE AD	Endoscopic exploration of common duct	Q86	肝門部胆管	Q83	総肝管	なし			
KCM AZ AZ	Other diagnostic interventions on biliary tract	Q86	肝門部胆管	Q83	総肝管	なし			
KCM BA BA	Biliary tract x-ray	Q86	肝門部胆管	Q83	総肝管	なし			
KCM BA BB	Other cholangiogram	Q86	肝門部胆管	Q83	総肝管	なし			
KCM DL AA	Insertion of biliary tract device	Q86	肝門部胆管	Q83	総肝管	H1	挿入	H2	留置
KCM DL AC	Endoscopic insertion of biliary tract device	Q86	肝門部胆管	Q83	総肝管	H1	挿入	H2	留置
KCM FA AA	Incision of bile duct	Q86	肝門部胆管	Q83	総肝管	D2	切開		
KCM FA AD	Endoscopic sphincterotomy and papillotomy of bile duct	Q86	肝門部胆管	Q83	総肝管	D2	切開		
KCM GA AD	Endoscopic destruction of lesion of biliary duct or sphincter of Oddi	Q86	肝門部胆管	Q83	総肝管	A8	結石破砕	E1	焼灼
KCM GA AE	Percutaneous destruction of bile ducts	Q86	肝門部胆管	Q83	総肝管	A8	結石破砕	E1	焼灼

(別表C) ICHI: Interventions on the Digestive System
 KC: Hepatic and biliary structures

KCM JB AA	Drainage of bile duct	Q86	肝門部胆管	Q83	総肝管	AA	穿刺	D3	開窓
KCM JB AD	Endoscopic drainage of bile duct	Q86	肝門部胆管	Q83	総肝管	AA	穿刺	D3	開窓
KCM JB AF	Percutaneous drainage of bile duct	Q86	肝門部胆管	Q83	総肝管	AA	穿刺	D3	開窓
KCM JD AA	Common duct exploration for removal of calculus	Q86	肝門部胆管	Q83	総肝管	A5	除去・除去・捻除	A6	結石摘出
KCM JD AC	Removal of foreign body or device from bile duct	Q86	肝門部胆管	Q83	総肝管	A5	除去・除去・捻除	A6	結石摘出
KCM JD AD	Endoscopic removal of prosthetic device or foreign body from bile duct	Q86	肝門部胆管	Q83	総肝管	A5	除去・除去・捻除	A6	結石摘出
KCM JD AE	Percutaneous removal of foreign body or device from bile duct	Q86	肝門部胆管	Q83	総肝管	A5	除去・除去・捻除	A6	結石摘出
KCM JE AB	Laparoscopic extraction of bile duct stones	Q86	肝門部胆管	Q83	総肝管	A2	摘出		
KCM JE AD	Removal of stone from biliary tract via ERC	Q86	肝門部胆管	Q83	総肝管	A2	摘出		
KCM JE AF	Percutaneous extraction of bile duct stones	Q86	肝門部胆管	Q83	総肝管	A2	摘出		
KCM JI AA	Excision of lesion of biliary duct	Q86	肝門部胆管	Q83	総肝管	A1	切除	A4	郭清
KCM JI AD	Endoscopic excision of lesion of biliary duct or sphincter of Oddi	Q86	肝門部胆管	Q83	総肝管	A1	切除	A4	郭清
KCM JJ AA	Excision of bile duct	Q86	肝門部胆管	Q83	総肝管	A1	切除	A4	郭清
KCM JJ AB	Laparoscopic excision of bile duct	Q86	肝門部胆管	Q83	総肝管	A1	切除	A4	郭清
KCM JJ AD	Excision of bile duct via ERC	Q86	肝門部胆管	Q83	総肝管	A1	切除	A4	郭清
KCM KA AD	Replacement of device in biliary duct	Q86	肝門部胆管	Q83	総肝管	M3	置換		
KCM LA AA	Closure of biliary fistula	Q86	肝門部胆管	Q83	総肝管	C2	結紮	C5	クリッピング
KCM LA AD	Endoscopic control of bleeding of bile duct	Q86	肝門部胆管	Q83	総肝管	C2	結紮	C5	クリッピング
KCM LB AA	Repair of other bile duct	Q86	肝門部胆管	Q83	総肝管	C3	縫合	C6	吻合
KCM LG AA	Dilation of sphincter of Oddi	Q86	肝門部胆管	Q83	総肝管	G1	狭窄解除(ブ)	G2	拡張
KCM LG AD	Endoscopic dilation of ampulla and biliary duct	Q86	肝門部胆管	Q83	総肝管	G1	狭窄解除(ブ)	G2	拡張
KCM LH AA	Stenting of biliary duct	Q86	肝門部胆管	Q83	総肝管	G1	狭窄解除(ブ)	G2	拡張
KCM LH AD	Endoscopic insertion of device into bile duct	Q86	肝門部胆管	Q83	総肝管	G1	狭窄解除(ブ)	G2	拡張
KCM LH AF	Percutaneous transluminal insertion of device into bile duct	Q86	肝門部胆管	Q83	総肝管	G1	狭窄解除(ブジー)	G2	拡張
KCM LI AA	Choledochoenterostomy	Q86	肝門部胆管	Q83	総肝管	N1	シャント	N4	造設
KCM MK AA	Choledochoplasty	Q86	肝門部胆管	Q83	総肝管	L2	再建・修復	N2	形成
KCM ML AA	Reconstruction of bile ducts	Q86	肝門部胆管	Q83	総肝管	L2	再建・修復	N2	形成
KCM ML AB	Endoscopic reconstruction of bile ducts	Q86	肝門部胆管	Q83	総肝管	L2	再建・修復	N2	形成
KCM SZ AE	Other percutaneous interventions on biliary tract, not elsewhere classified	Q86	肝門部胆管	Q83	総肝管	U0	分類不能		
KCM SZ AZ	Other interventions on biliary tract, not elsewhere	Q86	肝門部胆管	Q83	総肝管	U0	分類不能		
KCO AD AA	Open biopsy of pancreas	Q92	膵臓			A9	試験切除・生検	M1	採取
KCO AD AB	Laparoscopic biopsy of pancreas	Q92	膵臓			A9	試験切除・生検	M1	採取
KCO AD AD	Endoscopic biopsy of pancreas	Q92	膵臓			A9	試験切除・生検	M1	採取
KCO AD AE	Percutaneous biopsy of pancreas	Q92	膵臓			A9	試験切除・生検	M1	採取
KCO AE AA	Exploration of pancreas	Q92	膵臓			なし			
KCO AZ AZ	Other diagnostic interventions on pancreas	Q92	膵臓			なし			
KCO BA BA	X-ray of pancreas	Q92	膵臓			なし			

(別表C) ICHI: Interventions on the Digestive System
 KC: Hepatic and biliary structures

KCO BA BB	Endoscopic retrograde cholangiopancreatography	Q92	膵臓			なし			
KCO DL AA	Insertion of device into pancreas	Q92	膵臓			H1	挿入	H2	留置
KCO DL AB	Endoscopic insertion of device into pancreas	Q92	膵臓			H1	挿入	H2	留置
KCO DL AD	Endoscopic insertion of device into pancreatic duct	Q92	膵臓			H1	挿入	H2	留置
KCO DN AD	Endoscopic implantation of internal device of pancreas or pancreatic duct via ERCP	Q92	膵臓			H1	挿入	H2	留置
KCO FA AA	Pancreatotomy	Q92	膵臓			D2	切開		
KCO GA AA	Destruction of lesion or tissue of pancreas or pancreatic duct	Q92	膵臓			A8	結石破砕	E1	焼灼
KCO GA AB	Endoscopic destruction of tissue or lesion of pancreas	Q92	膵臓			A8	結石破砕	E1	焼灼
KCO GA AD	Endoscopic destruction of lesion or tissue of pancreatic duct	Q92	膵臓			A8	結石破砕	E1	焼灼
KCO JB AA	Drainage of pancreas	Q92	膵臓			AA	穿刺	D3	開窓
KCO JB AD	Drainage of pancreas via ERCP	Q92	膵臓			AA	穿刺	D3	開窓
KCO JB AE	Percutaneous drainage of pancreas	Q92	膵臓			AA	穿刺	D3	開窓
KCO JB AF	Endoscopic drainage of pancreas	Q92	膵臓			AA	穿刺	D3	開窓
KCO JD AA	Removal of foreign body or device of pancreas	Q92	膵臓			A5	除去・除去・捻除	A6	結石摘出
KCO JD AB	Laparoscopic removal of foreign body or device of pancreas	Q92	膵臓			A5	除去・除去・捻除	A6	結石摘出
KCO JD AD	Endoscopic removal of foreign body or device of	Q92	膵臓			A5	除去・除去・捻除	A6	結石摘出
KCO JD AE	Percutaneous removal of foreign body or device of pancreas	Q92	膵臓			A5	除去・除去・捻除	A6	結石摘出
KCO JE AB	Laparoscopic removal of stone from pancreatic duct	Q92	膵臓			A2	摘出		
KCO JE AD	Endoscopic removal of stone from pancreatic duct via ERCP	Q92	膵臓			A2	摘出		
KCO JG AA	Debridement of pancreas	Q92	膵臓			D8	搔破		
KCO JI AA	Excision of lesion or tissue of pancreas or pancreatic	Q92	膵臓			A1	切除	A4	郭清
KCO JI AD	Endoscopic excision of lesion or tissue of pancreatic duct	Q92	膵臓			A1	切除	A4	郭清
KCO JJ AA	Partial excision of pancreas	Q92	膵臓			A1	切除	A4	郭清
KCO JJ AB	Endoscopic partial excision of pancreas	Q92	膵臓			A1	切除	A4	郭清
KCO JK AA	Total pancreatectomy	Q92	膵臓			A1	切除	A4	郭清
KCO JK AB	Laparoscopic total pancreatectomy	Q92	膵臓			A1	切除	A4	郭清
KCO JL AA	Radical pancreaticoduodenectomy	Q92	膵臓			A1	切除	A4	郭清
KCO KA AD	Replacement of device in pancreatic duct	Q92	膵臓			M3	置換		
KCO KD AA	Pancreatic transplant, not elsewhere classified	Q92	膵臓			M4	植皮	M7	移植
KCO KD AC	Percutaneous pancreatic transplant	Q92	膵臓			M4	植皮	M7	移植
KCO LB AA	Reattachment of pancreas	Q92	膵臓			C3	縫合	C6	吻合
KCO LG AA	Dilation of pancreatic duct	Q92	膵臓			G1	狭窄解除(ブ	G2	拡張
KCO LG AD	Endoscopic dilation of pancreatic duct	Q92	膵臓			G1	狭窄解除(ブ	G2	拡張
KCO LG AF	Percutaneous transluminal dilation of pancreatic duct	Q92	膵臓			G1	狭窄解除(ブ	G2	拡張
KCO LI AA	Deviation of pancreas for bypass	Q92	膵臓			N1	シャント	N4	造設
KCO MK AA	Repair of pancreas	Q92	膵臓			L2	再建・修復	N2	形成

(別表C)ICHI: Interventions on the Digestive System
KC: Hepatic and biliary structures

KCO ML AA	Reconstruction of pancreas	Q92	膵臓			L2	再建・修復	N2	形成
KCO SN AD	Management of internal device of pancreas	Q92	膵臓			なし			
KCO SN AF	Percutaneous management of internal device of	Q92	膵臓			なし			
KCO SZ AZ	Other interventions on pancreas, not elsewhere classified	Q92	膵臓			U0	分類不能		

(別表C) ICHI: Interventions on the Digestive System
KM: Peritoneum

ICHI_Code	ICHIDescriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
KMA AD AA	Biopsy of peritoneum	QW2	腹腔(その他)	QA1	腹腔	A9	試験切 除・生検	M1	採取
KMA AD AB	Laparoscopic biopsy of peritoneum	QW2	腹腔(その他)	QA1	腹腔	A9	試験切 除・生検	M1	採取
KMA AD AE	Closed biopsy of intra- abdominal mass	QW2	腹腔(その他)	QA1	腹腔	A9	試験切 除・生検	M1	採取
KMA AE AA	Inspection of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA AE AB	Peritoneoscopy	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA AZ AZ	Other diagnostic interventions on abdominal	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA BA BA	Retroperitoneal X-ray	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA BA BB	Contrast radiography of peritoneum	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA BA BC	Computerised tomography of abdominal cavity, not elsewhere classified	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA BA BD	Computerised tomography of abdominal cavity with intravenous contrast	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA BA BH	Magnetic resonance imaging of abdominal cavity, not elsewhere classified	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA BA BI	Magnetic resonance imaging of abdominal cavity with intravenous contrast	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA BA BJ	Ultrasound of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA CC XH	Microscopic examination of peritoneal and retroperitoneal specimen	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA DB AE	Injection of locally-acting therapeutic substance into peritoneal cavity	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA DL AA	Insertion of intra-abdominal device	QW2	腹腔(その他)	QA1	腹腔	H1	挿入	H2	留置
KMA DN AA	Implantation of internal device of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	H1	挿入	H2	留置
KMA DN AB	Laparoscopic implantation of internal device of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	H1	挿入	H2	留置
KMA DN AE	Percutaneous implantation of internal device of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	H1	挿入	H2	留置
KMA FA AA	Incision of peritoneum	QW2	腹腔(その他)	QA1	腹腔	D2	切開		
KMA FB AA	Retroperitoneal dissection, not elsewhere classified	QW2	腹腔(その他)	QA1	腹腔	D1	切離		
KMA FC AA	Other lysis of peritoneal adhesions	QW2	腹腔(その他)	QA1	腹腔	D7	開放		
KMA FC AB	Laparoscopic lysis of peritoneal adhesions	QW2	腹腔(その他)	QA1	腹腔	D7	開放		
KMA GA AA	Destruction of peritoneal tissue	QW2	腹腔(その他)	QA1	腹腔	A8	結石破 砕	E1	焼灼
KMA JA AA	Irrigation of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA JA AE	Percutaneous irrigation of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA JB AA	Drainage of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	AA	穿刺	D3	開窓
KMA JB AB	Laparoscopic drainage of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	AA	穿刺	D3	開窓
KMA JB AE	Percutaneous drainage of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	AA	穿刺	D3	開窓
KMA JC AE	Peritoneal dialysis	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA JD AA	Removal of foreign body or device from peritoneal cavity	QW2	腹腔(その他)	QA1	腹腔	A5	除去・抜 去・捻除	A6	結石摘出
KMA JD AB	Laparoscopic removal of foreign body or device from peritoneal cavity	QW2	腹腔(その他)	QA1	腹腔	A5	除去・抜 去・捻除	A6	結石摘出

(別表C) ICHI: Interventions on the Digestive System
 KM: Peritoneum

KMA JD AE	Percutaneous removal of foreign body or device from peritoneal cavity	QW2	腹腔(その他)	QA1	腹腔	A5	除去・抜去・捻除	A6	結石摘出
KMA JH AA	Procurement of abdominal cavity tissue	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA JI AA	Local excision of lesion of peritoneal tissue	QW2	腹腔(その他)	QA1	腹腔	A1	切除	A4	郭清
KMA JI AB	Laparoscopic excision of local lesion of peritoneal	QW2	腹腔(その他)	QA1	腹腔	A1	切除	A4	郭清
KMA JJ AA	Excision of peritoneal tissue	QW2	腹腔(その他)	QA1	腹腔	A1	切除	A4	郭清
KMA JJ AB	Laparoscopic excision of peritoneal tissue	QW2	腹腔(その他)	QA1	腹腔	A1	切除	A4	郭清
KMA LB AA	Repair of peritoneum	QW2	腹腔(その他)	QA1	腹腔	C3	縫合	C6	吻合
KMA LI AA	Creation of peritoneovascular shunt	QW2	腹腔(その他)	QA1	腹腔	N1	シャント	N4	造設
KMA LK AE	Injection of air into peritoneal cavity	QW2	腹腔(その他)	QA1	腹腔	N2	形成		
KMA MK AA	Other repair of peritoneum	QW2	腹腔(その他)	QA1	腹腔	L2	再建・修復	N2	形成
KMA ML AA	Graft of peritoneum and peritoneal cavity	QW2	腹腔(その他)	QA1	腹腔	L2	再建・修復	N2	形成
KMA SM AH	Management of external appliance of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA SN AH	Management of internal device of abdominal cavity	QW2	腹腔(その他)	QA1	腹腔	なし			
KMA SZ AZ	Other interventions on peritoneum, not elsewhere classified	QW2	腹腔(その他)	QA1	腹腔	U0	分類不能		

(別表C) ICHI: Interventions on the Digestive System
 KT: Functions of digestive system

ICHI_Code	ICHIDescriptor	Target→ 部位コー ド	Target→部位(日 本語)	Target→ 部位コー ド2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
KTA AA ZZ	Assessment of function of the digestive system	なし				なし			
KTA AC ZZ	Test of functions of the digestive system	なし				なし			
KTA AI ZZ	Monitoring of functions of the digestive system	なし				なし			
KTA AM ZZ	Observation of functions of the digestive system	なし				なし			
KTA PG ZZ	Assisting and leading exercise related to functions of the digestive system	なし				なし			
KTA PH ZZ	Training of functions of the digestive system	なし				なし			
KTA PM ZZ	Education about functions of the digestive system	なし				なし			
KTA PN ZZ	Advising on functions of the digestive system	なし				なし			
KTA PP ZZ	Counselling for functions of the digestive system	なし				なし			
KTA RB FA	Practical support with functions of the digestive system	なし				なし			
KTA RC FA	Emotional support to functions of the digestive system	なし				なし			
KTB AA ZZ	Assessment of ingestion functions	なし				なし			
KTB AC ZZ	Test of ingestion functions	なし				なし			
KTB AI ZZ	Monitoring of ingestion functions	なし				なし			
KTB AM ZZ	Observation of ingestion functions	なし				なし			
KTB PG ZZ	Assisting and leading exercises regarding ingestion functions	なし				なし			
KTB PH ZZ	Training of ingestion functions	なし				なし			
KTB PM ZZ	Education about ingestion functions	なし				なし			
KTB PN ZZ	Advising on ingestion functions	なし				なし			
KTB PP ZZ	Counselling about ingestion functions	なし				なし			
KTB RB ZZ	Practical support for ingestion functions	なし				なし			
KTB RC ZZ	Emotional support for ingestion functions	なし				なし			
KTB SC ZZ	Facilitating swallowing	なし				なし			
KTB SY ZZ	Other therapeutic interventions for ingestion functions	なし				W0	その他		
KTE AA ZZ	Assessment of digestive functions	なし				なし			
KTK AA ZZ	Assessment of defecation functions	なし				なし			
KTK AI ZZ	Monitoring of defecation	なし				なし			
KTK RA FA	Care for fecal incontinence	なし				なし			
KTK RB FA	Practical support with defecation function	なし				なし			
KTK TY ZZ	Managing defecation function, not elsewhere	なし				なし			
KTN AA ZZ	Assessment of weight maintenance functions	なし				なし			
KTN AC ZZ	Test of weight maintenance functions	なし				なし			
KTN AI ZZ	Monitoring of weight maintenance functions	なし				なし			
KTN PM ZZ	Education about weight maintenance	なし				なし			
KTN PN ZZ	Advising on weight management	なし				なし			

(別表C) ICHI: Interventions on the Digestive System
KT: Functions of digestive system

KTN PP ZZ	Counselling for weight management	なし				なし			
KTQ AA ZZ	Assessment of sensations associated with the digestive functions	なし				なし			
KTQ PN ZZ	Advising about sensations associated with the digestive functions	なし				なし			
KTQ PP ZZ	Counselling about sensations associated with the digestive functions	なし				なし			
KTQ RC FA	Emotional support in the management of sensations associated with the digestive system	なし				なし			
KTQ TY ZZ	Managing sensations associated with the digestive system	なし				なし			

(別表C) ICHI: Interventions on the Digestive System
 KZ: Digestive System, unspecified

ICHI_Code	ICHIDescriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
KZZ AD AA	Intestinal biopsy, site unspecified	Q00	消化器系			A9	試験切 除・生検	M1	採取
KZZ AZ AZ	Other diagnostic interventions on intestine, site unspecified, not	Q00	消化器系			なし			
KZZ BA AB	Panendoscopy via camera capsule	Q00	消化器系			なし			
KZZ BA BB	GI series	Q00	消化器系			なし			
KZZ BA BE	Diagnostic nuclear imaging study of gastrointestinal tract, not elsewhere	Q00	消化器系			なし			
KZZ BA BJ	Ultrasound of digestive system, not elsewhere classified	Q00	消化器系			なし			
KZZ DB AC	Digestive tract instillation, except gastric gavage	Q00	消化器系			なし			
KZZ FA AA	Delayed opening of other enterostomy	Q00	消化器系			D2	切開		
KZZ JD AC	Removal of other device from digestive system	Q00	消化器系			A5	除去・抜 去・捻除	A6	結石摘出
KZZ KD AA	Transplant of intestine	Q00	消化器系			M4	植皮	M7	移植
KZZ LB AA	Closure of intestinal stoma, not elsewhere classified	Q00	消化器系			C3	縫合	C6	吻合
KZZ LB AZ	Intestinal anastomosis, not elsewhere classified	Q00	消化器系			C3	縫合	C6	吻合
KZZ LC AA	Fixation of intestine, not elsewhere classified	Q00	消化器系			なし			
KZZ LD AA	Intra-abdominal manipulation of intestine, not elsewhere classified	Q00	消化器系			なし			
KZZ LD AB	Laparoscopic intra-abdominal manipulation of intestine, not elsewhere	Q00	消化器系			なし			
KZZ LD AC	Reduction of intussusception of alimentary tract	Q00	消化器系			なし			
KZZ LD AD	Endoscopic reduction of intussusception of alimentary tract	Q00	消化器系			なし			
KZZ LG AD	Endoscopic dilation of intestine	Q00	消化器系			G1	狭窄解 除(ブ シャント)	G2	拡張
KZZ LI AZ	Other enterostomy, not elsewhere classified	Q00	消化器系			N1	シャント	N4	造設
KZZ LJ AA	Isolation of intestinal segment, not elsewhere	Q00	消化器系			M2	移行	M4	植皮
KZZ MK AA	Other repair of intestine	Q00	消化器系			L2	再建・修 復	N2	形成
KZZ SN AC	Irrigation of gastrostomy or enterostomy	Q00	消化器系			なし			
KZZ SZ AZ	Other interventions on digestive system, not elsewhere classified	Q00	消化器系			U0	分類不 能		

ICHI: Interventions on the Haematopoietic and Lymphatic System
DA: Tonsil, Adenoid

ICHI_Code	ICHI_Descriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DAA AD AA	Biopsy of tonsils	D7M	扁桃			A9	試験切 除・生検	M1	採取
DAA AZ AZ	Other diagnostic interventions on tonsils	D7M	扁桃			なし			
DAA FA AA	Incision of tonsil and peritonsillar structures	D7M	扁桃			D2	切開		
DAA GA AC	Destruction of tonsils, not elsewhere classified	D7M	扁桃			A8	結石破 砕	E1	焼灼
DAA JB AA	Drainage of tonsil and peritonsillar structures	D7M	扁桃			AA	穿刺	D3	開窓
DAA JD AA	Removal of foreign body from tonsil by incision	D7M	扁桃			A5	除去・抜 去・捻除	A6	結石摘出
DAA JD AH	Removal of foreign body from tonsil without incision	D7M	扁桃			A5	除去・抜 去・捻除	A6	結石摘出
DAA JI AA	Excision of lesion of tonsil	D7M	扁桃			A1	切除	A4	郭清
DAA JJ AA	Excision of lingual tonsil	D7M	扁桃			A1	切除	A4	郭清
DAA JK AA	Tonsillectomy	D7M	扁桃			A1	切除	A4	郭清
DAA LA AZ	Control of haemorrhage after tonsillectomy	D7M	扁桃			C2	結紮	C5	クリッピング
DAA SZ AZ	Other interventions on tonsils, not elsewhere classified	D7M	扁桃			U0	分類不 能		
DAB AD AA	Biopsy of adenoids	D7N	アデノイド			A9	試験切 除・生検	M1	採取
DAB AZ AZ	Other diagnostic interventions on adenoids	D7N	アデノイド			なし			
DAB JD AA	Removal of foreign body from adenoid by incision	D7N	アデノイド			A5	除去・抜 去・捻除	A6	結石摘出
DAB JI AA	Excision of lesion of adenoid	D7N	アデノイド			A1	切除	A4	郭清
DAB JK AA	Adenoidectomy	D7N	アデノイド			A1	切除	A4	郭清
DAB LA AZ	Control of haemorrhage after adenoidectomy	D7N	アデノイド			C2	結紮	C5	クリッピング
DAB SZ AZ	Other interventions on adenoids, not elsewhere classified	D7N	アデノイド			U0	分類不 能		

ICHI: Interventions on the Haematopoietic and Lymphatic System
DB: Thymus

ICHI_Code	ICHI_Descriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DBA AD AA	Biopsy of thymus	P44	胸腺			A9	試験切 除・生検	M1	採取
DBA AD AE	Percutaneous biopsy of thymus	P44	胸腺			A9	試験切 除・生検	M1	採取
DBA AZ AZ	Other diagnostic interventions on thymus	P44	胸腺			なし			
DBA JJ AA	Other partial excision of thymus	P44	胸腺			A1	切除	A4	郭清
DBA JJ AB	Thoracoscopic partial excision of thymus	P44	胸腺			A1	切除	A4	郭清
DBA JK AA	Thymectomy, not elsewhere classified	P44	胸腺			A1	切除	A4	郭清
DBA JK AB	Thoracoscopic total excision of thymus	P44	胸腺			A1	切除	A4	郭清
DBA SY AZ	Other interventions on thymus, not elsewhere classified	P44	胸腺			W0	その他		
DBA SZ AZ	Unspecified interventions on thymus	P44	胸腺			U0	分類不 能		

ICHI: Interventions on the Haematopoietic and Lymphatic System
DF: Lymphatic system

ICHI_Code	ICHI_Descriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DFA AD AA	Open biopsy of lymph node	V11	リンパ管・リンパ節			A9	試験切 除・生検	M1	採取
DFA AD AD	Endoscopic biopsy of lymph node	V11	リンパ管・リンパ節			A9	試験切 除・生検	M1	採取
DFA AD AE	Percutaneous biopsy of lymph node	V11	リンパ管・リンパ節			A9	試験切 除・生検	M1	採取
DFA GA BA	Radiation to lymph node	V11	リンパ管・リンパ節			A8	結石破 砕	E1	焼灼
DFA JB AZ	Drainage of lymph node	V11	リンパ管・リンパ節			AA	穿刺	D3	開窓
DFA JI AA	Local excision of other lymph node	V11	リンパ管・リンパ節			A1	切除	A4	郭清
DFA JJ AA	Excision of lymph node, not elsewhere classified	V11	リンパ管・リンパ節			A1	切除	A4	郭清
DFA JK AA	Regional lymph node excision, total	V11	リンパ管・リンパ節			A1	切除	A4	郭清
DFA JL AA	Radical excision of other lymph nodes	V11	リンパ管・リンパ節			A1	切除	A4	郭清
DFB AD AA	Biopsy of cervical lymph node	V21	頸部リンパ節			A9	試験切 除・生検	M1	採取
DFB BA BB	Cervical lymphangiogram	V21	頸部リンパ節			なし			
DFB GA BA	Radiation to cervical lymph node	V21	頸部リンパ節			A8	結石破 砕	E1	焼灼
DFB JB AA	Drainage of cervical lymph node	V21	頸部リンパ節			AA	穿刺	D3	開窓
DFB JI AA	Local excision of cervical lymph node	V21	頸部リンパ節			A1	切除	A4	郭清
DFB JJ AA	Excision of deep cervical lymph node	V21	頸部リンパ節			A1	切除	A4	郭清
DFB JK AA	Total excision of cervical lymph node	V21	頸部リンパ節			A1	切除	A4	郭清
DFB JL AA	Radical neck dissection	V21	頸部リンパ節			A1	切除	A4	郭清
DFC AD AA	Biopsy of axillary lymph node	V5A	腋窩リンパ節			A9	試験切 除・生検	M1	採取
DFC GA BA	Radiation to axillary lymph node	V5A	腋窩リンパ節			A8	結石破 砕	E1	焼灼
DFC JB AA	Drainage of axillary lymph node	V5A	腋窩リンパ節			AA	穿刺	D3	開窓
DFC JI AA	Local excision of axillary lymph node	V5A	腋窩リンパ節			A1	切除	A4	郭清
DFC JJ AA	Excision of axillary lymph node	V5A	腋窩リンパ節			A1	切除	A4	郭清
DFC JK AA	Total excision of axillary lymph node	V5A	腋窩リンパ節			A1	切除	A4	郭清
DFC JL AA	Radical excision of axillary lymph nodes	V5A	腋窩リンパ節			A1	切除	A4	郭清

ICHI: Interventions on the Haematopoietic and Lymphatic System
DF: Lymphatic system

DFE AD AA	Biopsy of mediastinal lymph node	V42	縦隔リンパ節			A9	試験切除・生検	M1	採取
DFE BA BH	Magnetic resonance imaging of hilar and mediastinal lymphadenopathy	V42	縦隔リンパ節			なし			
DFE GA BA	Radiation to mediastinal lymph node	V42	縦隔リンパ節			A8	結石破砕	E1	焼灼
DFE JB AA	Drainage of mediastinal lymph node	V42	縦隔リンパ節			AA	穿刺	D3	開窓
DFE JI AA	Local excision of mediastinal lymph node	V42	縦隔リンパ節			A1	切除	A4	郭清
DFE JJ AA	Partial excision of mediastinal lymph node	V42	縦隔リンパ節			A1	切除	A4	郭清
DFE JK AA	Total excision of mediastinal lymph node	V42	縦隔リンパ節			A1	切除	A4	郭清
DFE JL AA	Extended excision of mediastinal lymph node	V42	縦隔リンパ節			A1	切除	A4	郭清
DFM AD AA	Biopsy of inguinal lymph node	VA7	鼠径リンパ節			A9	試験切除・生検	M1	採取
DFM GA BA	Radiation to inguinal lymph node	VA7	鼠径リンパ節			A8	結石破砕	E1	焼灼
DFM JB AA	Drainage of inguinal lymph node	VA7	鼠径リンパ節			AA	穿刺	D3	開窓
DFM JI AA	Local excision of inguinal lymph node	VA7	鼠径リンパ節			A1	切除	A4	郭清
DFM JJ AA	Excision of inguinal lymph node	VA7	鼠径リンパ節			A1	切除	A4	郭清
DFM JK AA	Total excision of inguinal lymph node	VA7	鼠径リンパ節			A1	切除	A4	郭清
DFM JL AA	Radical inguinal dissection	VA7	鼠径リンパ節			A1	切除	A4	郭清
DFO BA BB	Lymphangiogram	VV1	リンパ管			なし			
DFO BA BE	Diagnostic nuclear imaging study, lymphatic vessels	VV1	リンパ管			なし			
DFO BA BF	Single photon emission computerised tomography of lymphatic vessels	VV1	リンパ管			なし			
DFO BA BG	Positron emission tomography of lymphatic vessels	VV1	リンパ管			なし			
DFO GA AZ	Destruction of lymphatic vessels	VV1	リンパ管			A8	結石破砕	E1	焼灼
DFO JB AZ	Drainage of lymphatic vessel	VV1	リンパ管			AA	穿刺	D3	開窓
DFO KD AA	Transplantation of lymphatic vessels	VV1	リンパ管			M4	植皮	M7	移植
DFO LA AZ	Occlusion of lymphatic vessels	VV1	リンパ管			C2	結紮	C5	クリッピング
DFO LB AA	Anastomosis of lymphatic vessels	VV1	リンパ管			C3	縫合	C6	吻合
DFO LG AZ	Dilatation of peripheral lymphatics	VV1	リンパ管			G1	狭窄解除(ブジー)	G2	拡張
DFO LI AA	Other bypass of lymphatic vessels	VV1	リンパ管			N1	シャント	N4	造設

ICHI: Interventions on the Haematopoietic and Lymphatic System
DF: Lymphatic system

DFO MK AZ	Repair of lymphatic vessels	VV1	リンパ管			L2	再建・修復	N2	形成
DFO ML AA	Reconstruction of lymphatic vessels	VV1	リンパ管			L2	再建・修復	N2	形成
DFP AZ AZ	Other intervention on thoracic duct	VV2	胸管			なし			
DFP FA AA	Fistulisation of thoracic duct	VV2	胸管			D2	切開		
DFP JB AZ	Cannulation of thoracic duct	VV2	胸管			AA	穿刺	D3	開窓
DFP LA AA	Occlusion of thoracic duct	VV2	胸管			C2	結紮	C5	クリッピング
DFP MK AA	Closure of fistula of thoracic duct	VV2	胸管			L2	再建・修復	N2	形成
DFZ AD AA	Biopsy of lymphatic structure	VX1	その他(リンパ管・リンパ節)			A9	試験切除・生検	M1	採取
DFZ AZ AZ	Other diagnostic interventions on lymphatic structures	VX1	その他(リンパ管・リンパ節)			なし			
DFZ BA BB	Intrathoracic lymphangiogram	VX1	その他(リンパ管・リンパ節)			なし			
DFZ JB AH	Drainage of lymphatic system, not elsewhere classified	VX1	その他(リンパ管・リンパ節)			AA	穿刺	D3	開窓
DFZ JJ AZ	Excision of lymphatic structure, not elsewhere classified	VX1	その他(リンパ管・リンパ節)			A1	切除	A4	郭清
DFZ SY AZ	Other interventions on lymphatic structures	VX1	その他(リンパ管・リンパ節)			W0	その他		
DFZ SZ AZ	Interventions on lymphatic structure, not elsewhere classified	VX1	その他(リンパ管・リンパ節)			U0	分類不能		

ICHI: Interventions on the Haematopoietic and Lymphatic System
DG: Bone marrow

ICHI_Code	ICHI_Descriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DGA AD AE	Biopsy of bone marrow	Y12	骨髓			A9	試験切 除・生検	M1	採取
DGA BA BH	Magnetic resonance imaging of bone marrow	Y12	骨髓			なし			
DGA DB AE	Injection into bone marrow	Y12	骨髓			なし			
DGA JH AE	Aspiration of bone marrow from donor for transplant	Y12	骨髓			なし			
DGA KD AF	Bone marrow transplant	Y12	骨髓			M4	植皮	M7	移植
DGA SZ AZ	Other interventions on bone marrow	Y12	骨髓			U0	分類不 能		

ICHI: Interventions on the Haematopoietic and Lymphatic System
DI: Blood

ICHI_Code	ICHI_Descriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DIA AB AF	Measurement of blood gases	Y11	造血組織・血液			なし			
DIA AI ZZ	Monitoring blood properties	Y11	造血組織・血液			なし			
DIA DG AF	Transfusion of blood and blood products	Y11	造血組織・血液			なし			
DIA JC AF	Therapeutic plasmapheresis	Y11	造血組織・血液			なし			
DIA JH AZ	Collection of blood and blood products	Y11	造血組織・血液			なし			
DIA KD AF	Stem cell transplant	Y11	造血組織・血液			M4	植皮	M7	移植

ICHI: Interventions on the Haematopoietic and Lymphatic System
DJ: Spleen

ICHI_Code	ICHI_Descriptor	Target→ 部位コード	Target→部位(日 本語)	Target→ 部位コード2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DJA AD AA	Open biopsy of spleen	Q99	脾臓			A9	試験切 除・生検	M1	採取
DJA AD AB	Endoscopic biopsy of spleen	Q99	脾臓			A9	試験切 除・生検	M1	採取
DJA AD AE	Closed biopsy of spleen	Q99	脾臓			A9	試験切 除・生検	M1	採取
DJA AZ AZ	Other diagnostic interventions on spleen	Q99	脾臓			なし			
DJA BA BE	Spleen scan or function study	Q99	脾臓			なし			
DJA FA AA	Incision of spleen	Q99	脾臓			D2	切開		
DJA JB AA	Drainage of spleen	Q99	脾臓			AA	穿刺	D3	開窓
DJA JI AA	Excision of lesion or tissue of spleen	Q99	脾臓			A1	切除	A4	郭清
DJA JJ AA	Partial splenectomy	Q99	脾臓			A1	切除	A4	郭清
DJA JJ AD	Laparoscopic partial splenectomy	Q99	脾臓			A1	切除	A4	郭清
DJA JK AA	Total splenectomy	Q99	脾臓			A1	切除	A4	郭清
DJA JK AB	Laparoscopic total splenectomy	Q99	脾臓			A1	切除	A4	郭清
DJA KD AA	Transplantation of spleen	Q99	脾臓			M4	植皮	M7	移植
DJA MK AA	Restoration of spleen	Q99	脾臓			L2	再建・修 復	N2	形成
DJA SZ AZ	Other interventions on spleen, not elsewhere classified	Q99	脾臓			U0	分類不 能		

ICHI: Interventions on the Haematopoietic and Lymphatic System
DT: Functions of haematopoietic and reticuloendothelial system

ICHI_Code	ICHI_Descriptor	Target→ 部位コー ド	Target→部位(日 本語)	Target→ 部位コー ド2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DTA AB ZZ	Measurement of haematological system functions	なし				なし			
DTA AC ZZ	Test of functions of the haematological system	なし				なし			
DTA AI ZZ	Monitoring of functions of the haematological system	なし				なし			
DTA AM ZZ	Observation of functions of the haematological system	なし				なし			
DTA PG ZZ	Assisting and leading exercise related to functions of the haematological system	なし				なし			
DTA PH ZZ	Training of functions of the haematological system	なし				なし			
DTA PM ZZ	Education about functions of the haematological system	なし				なし			
DTA PN ZZ	Advising on functions of the haematological system	なし				なし			
DTA PP ZZ	Counselling for functions of the haematological system	なし				なし			
DTA RB FA	Practical support with functions of the haematological system	なし				なし			
DTA RC FA	Emotional support to functions of the haematological system	なし				なし			
DTB AA ZZ	Assessment of immunological system functions	なし				なし			
DTB AB ZZ	Measurement of immunological system functions	なし				なし			
DTB AC ZZ	Test of functions of the immunological system	なし				なし			
DTB AI ZZ	Monitoring of functions of the immunological system	なし				なし			
DTB AM ZZ	Observation of functions of the immunological system	なし				なし			
DTB DB AC	Oral immunisation	なし				なし			
DTB DB AE	Other immunisation, not elsewhere classified	なし				なし			

ICHI: Interventions on the Haematopoietic and Lymphatic System
DT: Functions of haematopoietic and reticuloendothelial system

DTB PG ZZ	Assisting and leading exercise related to functions of the immunological system	なし				なし			
DTB PH ZZ	Training of functions of the immunological system	なし				なし			
DTB PM ZZ	Education about functions of the immunological system	なし				なし			
DTB PN ZZ	Advising on functions of the immunological system	なし				なし			
DTB PP ZZ	Counselling for functions of the immunological system	なし				なし			
DTB RB FA	Practical support with functions of the immunological system	なし				なし			
DTB RC FA	Emotional support to functions of the immunological system	なし				なし			

ICHI: Interventions on the Haematopoietic and Lymphatic System
DZ: Haematopoietic and reticuloendothelial system, unspecified

ICHI_Code	ICHI_Descriptor	Target→ 部位コー ド	Target→部位(日 本語)	Target→ 部位コー ド2	Target→部位(日 本語)2	Action→ 基本操 作コード	Action→ 基本操 作(日本 語)	Action→ 基本操作 コード2	Action→ 基本操作 (日本語) 2
DZZ AA ZZ	Assessment of haematopoietic and reticuloendothelial system, not elsewhere classified	なし				なし			

II. 研究成果の刊行に係る一覧表

書籍

著者指名	論文タイトル名	書籍全体の編集者名	書籍名	出版社名	出版地	出版年	ページ
該当なし							

雑誌

発表者指名	論文タイトル名	発表誌名	ページ	出版年
該当なし				

発表等

発表者指名	論文タイトル名	発表学会	出版年
Takahashi I O, Suenaga H, Kawai S, Otsuka S, Anan M, Arai Y, Kamakura Y, Kawase H, Hatano K, Mori K, Izutsu M, Oi T	Japanese Classification for Health Interventions; Application of ICHI to domestic classification	WHO-FIC Network Annual Meeting 8-12 October	2016
Izutsu M, Kawase H	Comparing ICHI to the Japanese health intervention classifications	WHO Collaborating Centre for the FIC in The Netherlands Volume 14, Number 1,	2016

III. 研究成果の刊行に係る刊行物・別冊

次ページ参照



Japanese Classification for Health Interventions; Application of ICHI to domestic classification **8-12 October 2016 Tokyo, Japan**

C603

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Abstract We took a survey to compare three classifications for health interventions, including ICHI, K- and J- codes of the Ministry of Health, Labor and Welfare, and a new classification for surgical and procedural interventions proposed by Japanese Health Insurance Federation for Surgery (JHIFS). JHIFS coding system was noted quite similar to ICHI in the basic structure. It was suggested that ICHI can be rather easily introduced to the domestic use in Japan, by correlating it to JHIFS system.

Introduction

ICD-11 which is being finalized by WHO is designed not only to classify various health conditions, but to introduce multiple linearizations with their severity, involved site and treatment, and ICHI is planned to be utilized as the classification for interventions. The objectives of this study was to examine the applicability of ICHI to the Japanese system, by comparing ICHI with currently available classifications of health interventions in Japan, and to clarify the problems in application of ICHI, and in our contribution to developing it.

Methods & Materials

We picked up the following three classifications for health interventions. (1) ICHI(2015 alpha version), (2) K-codes and J-codes which were developed by the Ministry of Health, Labor and Welfare (MHLW), being used for the health insurance payment system. and (3) a new classification proposed by Japanese Health Insurance Federation for Surgery (JHIFS). K- and J- codes are basically lists of medical service fee, K-codes being for surgery and J-codes for the other interventions.

JHIFS coding system was developed considering the complexity and actual expense required for all surgical and procedural interventions performed currently in Japan, and it is already used for the National Clinical Database (NCD) which is conducted by the collaboration of multiple surgical societies in Japan. We compared these classifications regarding to their basic concepts, structure and applicability to the practical use in Japan.

Results

The results of our study are demonstrated on the following table. Comparing these three classifications, MHLW's K-codes, J-codes are primarily for the payment system, and not appropriate to be used for inter-institutional or international comparison of health service quality or analysis of the health service being provided in Japan. On the other hand, JHIFS Draft proposal was noted to be quite similar to ICHI in the basic structure, though the basic concept of it is primarily for payment system and is not designed for international comparison.

Conclusions

The only available official classifications of health interventions in Japan are MHLW's K- and J- codes currently, but they are not used as a objective tool for international comparison of quantitative and quality assessment of the health service. ICHI is expected to serve as the most suitable system to be used for such purposes, however it is not completed yet, and there are still several problems to be solved to be introduced for the domestic use in Japan. In view of the similarity between ICHI and JHIFS's coding system, official application of this system should be very useful and practical for the both purposes of health care payment and of international comparison, by correlating the ICHI code to JHIFS code. At present, ICHI is not complete enough to be introduced to classify all the currently performed health interventions in Japan, but it can be expanded and improved to the level of sufficient domestic use. We are willing to contribute actively to the development of ICHI, so that it can be introduced in a meaningful fashion in Japan.

Acknowledgements or Notes

This study was supported by the grant of the Ministry of Health, Labor and Welfare.

Table 1: Comparing three classifications

	ICHI(International Classifications of Health Interventions)	K-codes, J-codes (MHLW Lists of medical service fee)	Japanese Health Insurance Federation for Surgery (JHIFS) Draft Proposal
Developer	WHO	Ministry of Health, Labor and Welfare	Japanese Health Insurance Federation for Surgery (JHIFS)
Concepts	Multipurpose, comprehensive classification International comparison Multilingual use Ontology	Health insurance payment system	Scientific and objective analysis of surgical Interventions performed in Japan, to establish rational medial service fee
Structure	7-digit code(alphabetical) •Target: 3 digits •Action: 2 digits •Means: 2 digits	4-digit code K, J + 3 numerical characters	7-digit code(alphabetical + numerical characters) •Target: 3 digits •Action: 2 digits •Approach: 1 digit •Assisting device: 1 digit
Items	5,300	2,300	2,003



WHO Family of International Classifications (FIC)

NEWSLETTER

ICanFunction (mICF) mHealth solution

A Mobile Solution for the International Classification of Functioning, Disability and Health

Editorial Board

Dr. Coen H. van Gool
 Dr. Willem M. Hirs
 Dr. Marijke W. de Kleijn-de Vrankrijker
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An International mICF Partnership was formed in 2014 to collaborate on the development of the ICanFunction (mICF) mHealth solution. The mICF is a mobile-friendly health service solution providing an integrated care decision-support system that will facilitate individualized, predictive care by utilizing big data models. Out of this collaborative, a facilitation team of nine persons (see names on page 2) emerged to coordinate the implementation through various working groups including: content specification; lean design of minimum viable product (MVP) and technical implementation; disciplined in-market experimentation; dissemination and agile commercialization (see figure 1).

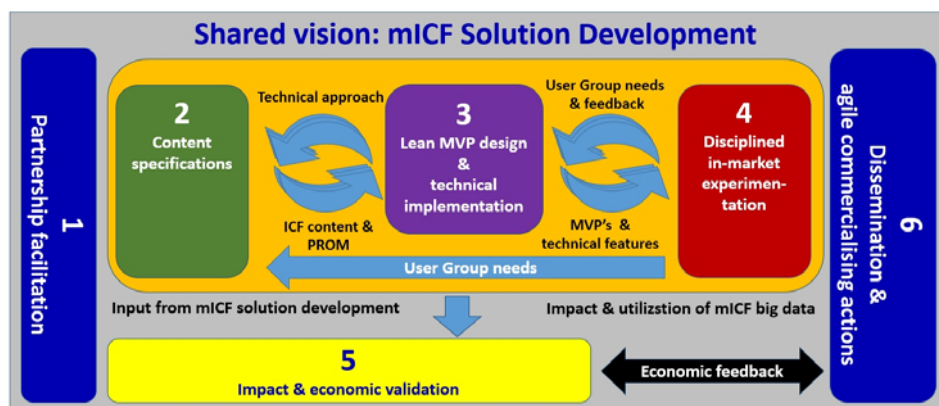


Figure 1: Six interrelated work packages to develop mICF solution

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For receiving forthcoming issues of the WHO-FIC newsletter, please send an empty e-mail with "WHO-FIC Newsletter" in the subject line to: who-fic.newsletter@rivm.nl

The Facilitation team

To engage mICF with the broader community a dedicated website was launched: <http://icfmobile.org>, as well as a Twitter (@icfmobile) and Facebook (<https://www.facebook.com/ICanFunction>) account. Subsequently, for effective partnering and fostering trust relationships, a Memorandum of Agreement (MoA) has been finalised to serve as a guide for our collaboration.

At the previous WHO-FIC annual meeting in Manchester, six posters were presented and a poster prize awarded for the presentation of the mICF Development Plan. For developing a Proof of Concept (POC) of mICF, grant proposals were prepared and Finland succeeded to get a one-year project funded by the Social Insurance Institution (Kela). Abstracts to present mICF were submitted and accepted for several conferences including the Rehabilitation International Conference (Edinburgh), the 2nd PHO Conference (Copenhagen), ICT4Health conference (Cape Town), Towards Unity for Health conference (Johannesburg) and last, but not least, the Stanford Medicine X conference in the USA coming September. An article presenting mICF has been written to Special Issue on Knowledge for Disability Inclusive Development and is currently under peer-review.

(continues on page 2)

Editorial

Nights get shorter, days are longer. Northern hemisphere summer is present. For a lot of people also the time to go on a holiday. And what better reading material to take with you than the WHO-FIC Newsletter?! In this issue we publish contributions from the mICF collaborative, we have updates from both the WCPT as well as the ISO. In the rubric 'FIC around the world' we have an article about comparing intervention classifications from Japan and a conference report on ICF-CY applied in cerebral palsy from the Netherlands.

In fact, all reference classifications are represented in this issue: we have got news on ICD, ICF and on ICHI (2x!). And as always, the last pages are filled with ICF literature references from our ICF literature database. This issue we publish over 150 ICF related references.

This leaves me with wishing you all a nice and relaxing summer (depending on your location) and hoping to see you at the WHO-FIC 2016 annual meeting and ICD-11 revision conference in Tokyo in October! In the meantime, please share your thoughts and experiences on using WHO classifications with us, and send us your contributions! Please also feel free to send us your feedback on Newsletter articles should you feel compelled to do so.

Enjoy reading and let us know your WHO-FIC news!

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ICanFunction (mICF) mHealth solution

(continues from page 1)

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The content specifications

The content specifications group has taken in use the Term Editor developed by the National Institute for Health and Welfare (THL) (Finland) with funding support by the Social Insurance Institution. . The Term Editor is open source software suited for developing and maintaining terminologies, ontologies and information structures. The content of the multi-language term editor for mICF includes ICF terms (labels, categories, codes), natural language terms

(i.e. related terms and synonyms) and instruments to measure functioning.

mICF content specifications team:

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The mICF development includes big data analysis by connecting front end data capturing (the interface) with the back end (ICF Term Editor) (see figure 2). Currently the MVP prototype front end (interface) of mICF is bilingual in Finnish and English (see mock up derived from Finnish: <https://projects.invisionapp.com/m/share/B77HCQ5XZ#/162952446>). However, the front end can be of various interfaces and languages depending on the user group as presented in figure 2. For example: interfaces can be problem-oriented or goal-oriented. Currently, the back end (the Term editor) includes English, Finnish, Danish, Portuguese, Dutch, and German ICF terms. If funding becomes available, the plan is to add the Japanese, French, Chinese, Russian, Spanish and Swedish languages. The scalable design will allow the inclusion of all other languages as well. To link the natural terms to the ICF terms, a protocol has been developed and is in the process of ethical approval in several countries.



Figure 2: mICF vision of connection between various front ends, big data warehouse and Term editor

Lean minimum viable product (MVP) design

In Finland a feasibility study of a patient-driven ICF-based assessment tool is in progress. The user experience and acceptance will be tested with children and adults of short stature. The aim is to evaluate how this solution assists in shared decision-making. Data are collected in individual and focus group interviews from the service users and providers. Data from service users will also be compared to data provided by the mICF (see www.thl.fi/en/micf). A follow-up project, to integrate the user interface to the Finnish national health archives, is planned. Pilot projects are being planned in the Netherlands, Germany, Denmark, Portugal, South Africa, Canada and Brazil.

Big data analytics

For collecting anonymised *m*ICF data to enable big data analytics, various cooperation possibilities with service user organisations and service providers are being explored. In cooperation with Stone Three Venture Technologies (South Africa), big data modelling will be explored with the Dutch BigMove Institute Amsterdam and with the Japan Association of Geriatric Health Services Facilities (Zenroken).

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International Organizations

International Organization for Standardization

Status of the fifth revision of the ISO 9999: the ISO 9999:2016

The fourth revision of the ISO 9999: Assistive products for persons with disability – Classification and Terminology (ISO 9999:2011) was published in July 2011. The responsible subcommittee (ISO TC 173/SC 2) decided to start a new revision of ISO 9999, and a new work item proposal (NWIP) for the revision of ISO9999:2011 was accepted in November 2011. In parallel, SC 2 established a new working group, WG 12, in order to handle the fifth revision of ISO 9999.

ISO9999:2016 available in August or September

Now, almost four and half years later, the Final Draft International Standard (FDIS) is finished and voting has started on June 1, 2016. The voting will end on July 27. The ISO office will circulate a report on FDIS ballot ultimately on August 11 and then ISO9999:2016 will be published in August or early September provided that the FDIS voting is approved.

Next revision

The secretariat of ISO TC 173/SC 2 will be able to establish a committee internal balloting (CIB) ballot for NWIP for next revision just after the circulation of the report, that is on August 11 or earlier when the report is circulated earlier. A ballot for the NWIP is two months provided that a

resolution is made among SC 2 members. Just in time for the next meeting of SC 2 and WG12 on October 13/14 2016 in Tokyo; in which meeting the results of the ballot are available and SC2 is able to discuss/confirm the NWIP. This will be the start of the sixth revision, which will probably result in a new version of ISO 9999 in 2021.

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World Confederation for Physical Therapy

Where the world of physiotherapy meets

The World Confederation for Physical Therapy is the international voice for physical therapy/physiotherapy. The confederation represents more than 350,000 physical therapists through it 112 member organizations. Every two years the WCPT holds the largest international gathering of physical therapists to showcase the best research, to network and celebrate the profession and its significant role in improving health and wellbeing.

2017 Congress in Cape Town

The next WCPT Congress is to be held on 2nd - 4th July 2017 in Cape Town, South Africa. Pre- and post-congress courses will be held on the days before and after. It is the people who attend a WCPT Congress from all around the world who give the event its unique sense of global professional unity. At no other event are there such opportunities for the physical therapy community to network with colleagues from around the world and interact with international leaders in their field. It is where the world of physical therapy meets.



Focused symposia central to congress program

Already, members of the International Scientific Committee are putting together the congress program. They have been selected for the breadth of their experience to ensure that the congress is relevant to all physical therapists, whatever their professional interest and whether they work as a clinician, manager, researcher, student or educator.

Focused symposia are central to the congress program; these and the pre- and post-congress courses have been selected. First glimpses of the congress program will be published in July.

WCPT hopes that all physical therapists will embrace this opportunity to attend the largest international physical therapy gathering. It is through extending our knowledge and connecting with colleagues from different cultures and backgrounds that we strengthen our profession advancing practice for the benefit of populations and the individual patients we serve.

For information:

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Co-chair of the Functioning and Disability Reference Group, e-mail: csykes@wcpt.org



World Health Organization

ICD-11 Revision conference

From 8-12 October 2016 the annual meeting of the WHO Family of International Classifications Network (WHO-FIC) will take place in Tokyo, Japan. The theme for this year is: "Health Information in the New Era". In conjunction with this meeting, the ICD-11 Revision Conference will be held from 12- 14 October, also in Tokyo.

Goal of ICD-11 Revision Conference

The ICD-11 Revision Conference will bring together representatives of Ministries of Health, representatives of national statistical agencies, academics, and others to:

- review current progress;
- address questions about practical aspects of the classification; and
- identify remaining issues or concerns from these high-level stakeholders.

Active participation of member states needed

It will be the highlight of the ICD Revision Process to date, and will represent a major opportunity for stakeholders to provide input into ICD in terms of national requirements and requests for implementation support before finalization and publication of the ICD-11-MMS. As evidenced by the discussion and contributions of the Executive Board, Member State participation in the ICD-11 Revision Conference will be of critical importance to the success of ICD-11. The Conference will reflect on the advances made, outline implementation approaches, and identify the way forward in 2017 and 2018.

Joint Task Force progress

In anticipation of the Revision Conference the joint task force took several key decisions, and significant technical work was completed, including:

- Given feedback on the terminology used, a decision was taken to rename the Joint Linearization for Mortality and Morbidity statistics as the International Classification of Diseases, 11th Revision, for Mortality and Morbidity Statistics (ICD-11-MMS).
- ICD-11 will undergo structural changes in governance

reflective of the transition from development to update and maintenance.

- With the governance changes, additional focus will be placed on the informatics aspects of ICD-11, including mobile and web services WHO may provide to Member States in support of implementation.
- A release of the ICD-11-MMS will take place at the ICD Revision Conference from 12-14 October 2016 in Tokyo, Japan. Important to note, though, that the Tokyo Release will not be the "final" version of ICD-11, nor will it be ready for implementation in countries. This release will represent a high-level overview of the structure of the ICD-11-MMS to support discussion about national requirements and support for implementation.
- Definitions for each category are seen as a useful advancement in ICD-11 to help guide users to the correct code, but will need further technical editing before they can be released. As such, the Tokyo Release of the ICD-11-MMS will not include the draft text definitions.
- The JTF is currently focused on a new, rapid, and optimistic mechanism for high-level review of each individual chapter in advance of the Tokyo Release of the ICD-11-MMS.

More news on the ICD-revision and the revision conference can be found in WHO's ICD-11 newsletter:

http://www.who.int/entity/classifications/2016_06_20_ICD11JuneNewsletter.pdf

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Classification of interventions in mental health care: the ICHI way

The demand for an international standard classification of mental health interventions is growing, as this is necessary to support data collection and electronic health records for care monitoring, health logistics, management, planning, financing and research purposes. There is currently limited systematization and categorization of mental health care, at

either national or international level. The International Classification of Health Interventions (ICHI) can provide an international standard for collecting and reporting data on mental health interventions, and may be further helpful in improving existing national classifications of health interventions.

Mental health interventions covered in ICHI

First steps towards a classification of mental health interventions within ICHI were taken in 2011, during a workshop in Sydney, Australia. Since 2011, work has continued to progressively expand the coverage of mental health interventions in ICHI. However, significant progress in the development of a comprehensive classification of mental health interventions within ICHI has been made this year. In February 2016, a meeting focused on mental health, involving 10 experts from Italy, Sweden and Australia, was held in Trieste, Italy. A review of axis categories and intervention codes relevant to mental health was conducted. Options for improving the coverage and description of mental health interventions in ICHI by adding, deleting or modifying codes were considered. There were further discussions, involving participants from three WHO regions, during the FDC-ICHI mid-year meeting, held in May 2016 in Conegliano, Italy.

ICHI targets relevant for mental health

In ICHI, codes of particular relevance for describing mental health interventions are those that target 'Mental functions' (based on ICF categories in Chapter b1), and those that target 'Health-related behaviours', as well as interventions that target 'Activities and Participation' and 'Environment' (based on ICF Chapters in Activities and Participation and Environmental factors domains). Key changes agreed for ICHI 2016 to improve coverage of mental health interventions are summarized below.

Review of interventions targeting 'Mental functions'

A review of the interventions to 'Mental functions' targets was undertaken. It was agreed, as a general principle, that interventions used in mental health should utilize the targets 'Mental functions' (ICF chapter-level), 'Global mental functions' and 'Specific mental functions' (ICF block-level), and not the more detailed targets at ICF 3-digit level. If greater detail is required, more specific targets can be recorded using an extension code added to the classification for this purpose. This change will result in a more parsimonious system of codes for mental health interventions. The existing intervention codes with more specific 'mental functions' targets will mostly remain in the classification where they are needed to describe interventions typically delivered by nurses or allied health professionals (e.g., 'Assessment of consciousness function').

Interventions targeting 'Health-related behaviours'

The 'Health-related behaviour' targets were reviewed from a mental health perspective. Several new targets that were

needed for describing interventions within mental health care were added: Self-harm, Family and partner violence, Community violence, Gambling, and Digital technology use. Other targets relevant to mental health care, such as Alcohol use, Tobacco use, Illicit drug use and Eating behaviours, were previously part of 'Health-related behaviour' section. Targets' definition is still under revision and small changes may be added prior to their publication in ICHI Alpha 2016.

Examples of health-related behavior targets

Examples of targets' definition in 'Health-related behaviour' section, relevant to mental health, include:

- Alcohol use: behaviour concerning patterns of alcohol consumption
- Illicit drug use: behaviour concerning patterns of non-medical use of drugs that are prohibited by international law, including where and how such drugs are obtained and consumed
Including: injecting drug use
- Self-harm: A range of behaviours that include attempting suicide, any intentional self-inflicted harm, intentional risk-taking, and thinking about or planning for suicide and self-harm (ideation)
Including: intentional self-inflicted poisoning or injury
- Family and partner violence behaviours: behaviour relating to the intentional use of physical force or power, threatened or actual, against another person, largely between family members and intimate partners
Including: sexual violence towards a partner or family member
- Behaviour concerning patterns of placing bets or playing at games of chance for money or other stakes
Including: online gambling

Work is progressing to develop sets of intervention codes for each of these new targets for inclusion in ICHI Alpha 2016.

These health-related behavior targets could be used in intervention codes like:

- Assessment of Family and partner violence behaviours
- Test of self-harm behaviours
- Education about behaviour concerning patterns of alcohol consumption
- Counselling about gambling behaviours
- Capacity building interventions targeting illicit drug use behaviours

Actions: seclusion, restrain and "stabilizing"

ICHI Alpha 2015 included the action categories 'Seclusion' and 'Restrain', and the interventions 'Seclusion in order to avoid self-harm' and 'Applying restraint to a person'. The 2013 UN resolution A/HRC/22/53 states very strongly that seclusion and restraint should not be practiced, as they "may constitute torture and ill-treatment", and WHO recommends outlawing the improper use of these actions. Therefore, it was agreed to delete the actions 'Seclusion' and 'Restrain' and the corresponding intervention codes from the classification. A new action, called 'Stabilizing', was agreed

upon. This action can be used for a range of interventions, from the stabilization of blood pressure to mental care interventions, including pharmacological stabilization by compulsory treatment order.

Peer support interventions

Peer support (FA) has been added to the Means axis, to be used together with the action ‘Provision’ to describe interventions in which a health provider establishes a peer support network or links a patient with a peer support person. The means category ‘Peer support’ is defined as ‘Emotional, social and practical assistance given by a person/group who possesses experiential knowledge of a specific behaviour or stressor’. A set of new ‘peer support’ codes for mental health and public health interventions will be included in ICHI Alpha 2016.

Example of provision of peer support includes:

- Providing emotional, social and practical assistance to behaviour concerning patterns of alcohol consumption - given by a person/group who possesses experiential knowledge of a specific behaviour or stressor.

Conclusions

These changes to axis categories, and corresponding revision of the tabular list of intervention codes in ICHI Alpha 2016, will enable more comprehensive representation of mental health interventions, so that ICHI is better able to meet clinical and statistical information needs. The availability of a standard classification of mental health interventions as part of a broader international classification of health interventions will be valuable in ensuring that mental health care is visible in health information systems.

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FIC around the World

Japan

Comparing ICHI to the Japanese health intervention classifications

In 2007, International Classification of Health Intervention (ICHI) development was launched. The aim of ICHI development is to provide a basis for international

	List of medical service fee (National classification)	Japanese Health Insurance Federation for Surgery (JHIFS)' classification (Private classification)
Developer	Ministry of Health, Labour and welfare	Japanese Health Insurance Federation for Surgery (JHIFS)
Aim	To make a list for medical service fee	To analyze proper and reasonable medical service fee scientifically To establish rational system of medical service fee
Revision cycle	2 year (since 1950s)	2 year (since 1982)
Basic structure	4-digit code (1 alphabet + 3 figures)	7-digit code (Combination of alphabets and figures) Consist of 4 parts <ul style="list-style-type: none"> • Target (3-digits) • Action (2-digits) • Approach (1-digit) • Assisting device (1-digit)

Table 1: Two major classifications of health interventions in Japan

comparisons of health interventions as focus on the efficiency, structure and quality of health systems. ICHI is still under development and preliminary version “ICHI Alpha 2015” is available. ICHI includes interventions across all functional sectors of the health system, covering acute care, primary care, rehabilitation, assistance with functioning, prevention, public health, and ancillary services such as patient transport [1].

Japanese health intervention classifications

There are two major classifications of health intervention in Japan. One is the so-called “National classification” (Medical service fee-schedule) and the other is the Japanese Health Insurance Federation for Surgery (JHIFS) classification. Japan achieved universal health coverage in 1961[2]. Uniform fee-schedule was implemented across the countries since 1959, all health interventions performed in hospitals and clinics are included in this fee-schedule. This fee-schedule has been revised every two years, in order to keep up with development of medicine, reform of the health care system and improvements in quality of care. On the other hand, JHIFS has created JHIFS classifications since 1982. JHIFS is kind of consortium composed of 100 societies regarding surgery. The aim of JHIFS classification is to analyze Medical service fee-schedule scientifically on the basis of hospital surveys (Table 1). These hospital survey components include surgical skills, the number of medical staffs such as surgeons, nurses and so on, the amount of time, and medical materials, and add up to the total (estimated) cost of each health intervention.

Characteristics of JHIFS

JHIFS classifications are composed of 4 Values such as “Surgical Operation Value”, “Medical Procedure Value”, “Medical Examination Value” and “Anesthesia Value”. The coding scheme of Surgical Operation Value comprises 7-character structure and for the four axes; “Target (3-character)”, “Action (2-character)”, “Approach (1-character)” and “Assisting device (1-character)”.

The main purpose of this study is to make comparison and code-mapping between ICHI and JHIFS classification as to report health intervention statistics according to ICHI. Furthermore, we explore the possibilities to contribute the development of ICHI.

Methods

Surgical Operation Value ver.8.3 (released in 2015) in JHIFS classification was compared with ICHI Alpha 2015 in terms of basic structure in surgical area such as “Target”, “Action” and “Means” in ICHI and “Target”, “Action”, “Approach” and “Assisting device” in JAHIFS classification by 2 experts who are engaged in development of JAHIFS classification. Furthermore, code mapping in “Cholecystectomy”, Hepatic and biliary structures” and “Taking out without replacing” was performed by using both classifications.

Results

Table 2 shows the overview of both ICHI and JHIFS. Section 1 in ICHI (Interventions on Body Systems and Functions) seems to correspond to Surgical Operation Value codes in JHIFS classification. The number of codes in ICHI and JHIFS are 3838 and 2033 respectively.

ICHI code	JHIFS classification code (only Surgical Operation)
<ul style="list-style-type: none"> The number of codes : about 5300 Section 1: 3838 Section 2: 849 Section 3: 598 	<ul style="list-style-type: none"> The number of codes : 2033 - 3386 surgical operations are included in classification - Collecting several surgical methods into 1 code.
Section 1: Nerve systems : 356 Eye : 188 Ear : 100 Blood system : 145 Endocrine : 102 Cardiology : 370 Respiratory : 264 Digestive : 660 Skin : 177 Musculoskeletal : 487 Urogenital : 606 Other : 383	Nerve systems : 134 Eye : 84 Ear : 44 Head : 183 Cardiology : 223 Respiratory : 80 Digestive : 344 Skin : 40 Neck, Thyroid : 16 Breast : 14 Musculoskeletal : 596 Urogenital : 230 Obstetrics and Fetus : 15

Table 2: Comparison of numbers of surgical intervention codes in ICHI and JHIFS

Comparing basic structures

Table 3 indicates the result of a comparison between ICHI and JHIFS in term of basic structure. Though there are some differences between Means in ICHI and Approach and Assisting device in JHIFS, it can be seen that the basic structure in both classifications are very similar. In Target, there is more specific structure of code in JHIFS than in ICHI, but conversely, in Action, there is more detailed structure in ICHI than in JHIFS.

Tables 4a through c explains the results of code mapping in “Cholecystectomy”, “Hepatic and biliary structures” and “Taking out without replacing”.

	ICHI code	Surgical Operation Value's code in JHIFS classification
Target	<ul style="list-style-type: none"> 3-character code Number of codes : 635 “Target” is mainly categorized in Section 1,2,3 Section 1 include codes for organs : 424	<ul style="list-style-type: none"> 3-character code Number of codes : 1046
Action	<ul style="list-style-type: none"> 2-character code Number of codes : 135 Diagnostic:16 Therapeutic:79 Managing:16 Preventing:24	<ul style="list-style-type: none"> 2-character code Number of codes : 66 Including actions related to therapy, not including diagnostic, managing and preventing
Means (ICHI) / Approach and assisting device (JHIFS)	<ul style="list-style-type: none"> Number of Means codes : 59 Approach : 12 Technique : 22 Facilitator : 3 Method : 14 Sample : 7 Unspecified : 1 	<ul style="list-style-type: none"> Number of Approach codes : 6 Number of Assisting device codes : 12

Table 3: comparison of ICHI and JHIFS basic structures

Conclusion

This is the first study to make comparison between ICHI and JHIFS classifications. This study showed the possibilities to report health intervention statistics according to ICHI by creating code mapping between ICHI and JHIFS. In addition, an unique finding is that there are some inconsistencies between ICHI and JHIFS in terms of specificity of code. This implies that the concept and structure of both ICHI and JHIFS classification would be informative materials to develop each classification.

ICHI		JHIFS classification	
Code	title	code	title
KCF JK AA	Cholecystectomy	Q81A204	Cholecystectomy (laparotomy)
		Q81A207	Cholecystectomy on malignant tumor (Localized within gallbladder)
		Q81A200	Cholecystectomy on malignant tumor (with resection of part of liver)
		Q81A200	Cholecystectomy on malignant tumor (with hepatectomy)
		Q81A207	Cholecystectomy on malignant tumor (with pancreatoduodectomy)
		Q81A200	Cholecystectomy on malignant tumor (with hepatectomy and pancreatoduodectomy)

Table 4a: Cholecystectomy

ICHI: Target		JHIFS classification code: Target	
Code	Title	Code	Title
KCF KCM	Gall bladder Bile duct	Q80	Gall bladder and bile duct
		Q81	Gall bladder
		Q82	Cystic duct
		Q83	Common hepatic duct
		Q84	Intrahepatic bile duct
		Q85	Extrahepatic bile duct
		Q86	Hilar bile duct
		Q87	Common bile duct
		Q88	Bile duct of duodenal papilla

Table 4b: Hepatic and biliary structures

	ICHI		JHIFS	
	Code	title	Code	title
Taking out without replacing	AD	Biopsy	A9	Biopsy
	JL	Excision, local	A1	Excision/Resection
	JJ	Excision, partial		
	JK	Excision, total		
	JL	Excision, extended		
	JN	Amputation	A3	Amputation

Table 4c: Taking out without replacing

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References

1. WHO ICHI Development Project: ICHI Alpha 2015.
2. Ikegami, N., Yoo, B.K., Hashimoto, H., Matsumoto, M., Ogata, H., Babazono, A., Watanabe, R., Shibuya, K., Yang, B.M., Reich, M.R., Kobayashi, Y.: Japanese universal health coverage: Evolution, achievements, and challenges. *Lancet*. 378, 1106–1115 (2011).

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The Netherlands

Conference report on “Early intervention in the light of the ICF-CY”

From April 7th to 9th 2016 a conference was held at the University of Groningen with the title:
Early Intervention – The power of parenting and practice, early intervention in the light of the ICF-CY.

Early intervention in Cerebral Palsy

Two in every 1000 newborn infants is later diagnosed with cerebral palsy (CP). CP is caused by a lesion of the brain during early development. Current early diagnostics allow for the detection of a large proportion of these infants at early age. This offers the opportunity for intervention at an age that is characterized by high plasticity of the young nervous system.

Most knowledge on these early interventions is based on studies in high-risk infants without a lesion of the brain, i.e., without CP. In these infants early intervention programs promote cognitive development until preschool age; motor development profits less. Up until recently little was known about the effect of early interventions in infants later diagnosed with CP. Recently completed trials started to close this gap in our knowledge.

Medical perspective versus biopsychosocial model

The ‘medical’ perspective has been prevailing for a long time, but as several ‘medical’ disciplines are becoming

more and more aware of the fact that while a medical diagnosis can –sometimes- explain an underlying cause for a health problem, it does not explain the not-so-standard reactions to a specific treatment on the level of functioning of a patient. We can also state that no two persons would have the same functioning-profile, even if they have the same disease/health problem. In fact we need to think differently about what constitutes health to be able to understand the complexity of health and health-problems, such as CP.

This is where the ICF, and more specific the ICF-CY, appear on the scene. The ICF and ICF-CY both share the same aim: to provide an unified standard language and framework for the description of health states. Especially the framework offers a new way of thinking about health in what we call the biopsychosocial model. “The ICF(-CY) and ICD together provide us with exceptionally broad and yet accurate terms to understand the health of a population, and more specific how the individual and his or her environment interact to hinder or promote a life lived to its full potential“ (Bruntland, WHO Director General, May 2002).

Conference program

The themes of the conference were structured on the basis of the framework of the ICF-CY. Presenters from several health disciplines, from all parts of the world, participated in the conference.

First, the scene was set by a presentation on Early Intervention in the light of ICF-CY. Next, from a body function and structure perspective novel insights in neural plasticity were presented. This includes a discussion on the possibilities of stem cell therapy. Following sessions were structured according to:

- Interaction between body structure and function and the environment
- Early intervention: practice and its effect on body function, activities and participation
- Early intervention: parenting and its effect on the child’s activities and participation and family function
- Early intervention: modification of the environment and its effect on the child’s activities and participation and family function. For an overview of presenters and topics, refer to: <http://www.developmentalneurology.com/2016/programme.html>

At the end of the three day congress, the organizer Mijna Hadders-Algra, returned to the framework of the ICF-CY, and reflected on all the presentations and challenges to work towards this new way of thinking about health and disability.

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ICF References

- 3733 Ahlstrand I, Vaz S, Falkmer T, Thyberg I, Björk M.** Self-efficacy and pain acceptance as mediators of the relationship between pain and performance of valued life activities in women and men with rheumatoid arthritis. *Clin Rehabil.* 2016 May 4. pii: 0269215516646166.
- 3775 Anaby D, Korner-Bitensky N, Steven E, Tremblay S, Snider L, Avery L, Law M.** Current Rehabilitation Practices for Children with Cerebral Palsy: Focus and Gaps. *Phys Occup Ther Pediatr.* 2016 Feb 11:1-15. [Epub ahead of print]
- 3843 Arnold B, Casser HR, Klimczyk K, Lutz J, Brinkschmidt T, Gralow I, Irnich D, Kaiser U, Nagel B, Schiltenswolf M, Pfungsten M, Sabatowski R, Söllner W.** Acute inpatient multimodal pain therapy and rehabilitation : Framework conditions, tasks and differentiated patient allocation. *Schmerz.* 2015 Oct 9. [Epub ahead of print].
- 3817 Ayeta AC, Cunha AC, Heidelmann SP, Saunders C.** [Nutritional and psychological factors associated with the occurrence of pica in pregnant women]. *Rev Bras Ginecol Obstet.* 2015 Dec;37(12):571-7. doi: 10.1590/S0100-720320150005419.
- 3776 Bartoszek G, Fischer U, Müller M, Strobl R, Grill E, Nadolny S, Meyer G.** Outcome measures in older persons with acquired joint contractures: a systematic review and content analysis using the ICF (International Classification of Functioning, Disability and Health) as a reference. *BMC Geriatr.* 2016 Feb 9;16(1):40. doi: 10.1186/s12877-016-0213-6.
- 3798 Bayly JL, Lloyd-Williams M.** Identifying functional impairment and rehabilitation needs in patients newly diagnosed with inoperable lung cancer: a structured literature review. *Support Care Cancer.* 2016 Jan 8. [Epub ahead of print]
- 3865 Beck B.** [Outcome in traumatic brain injury : Considered from a neurological viewpoint]. *Unfallchirurg.* 2016 Jun 7. [Epub ahead of print] German.
- 3845 Bhagat S, Kapatkar VK, Mourya M, Roy S, Jha S, Reddy R, Kadhe G, Mane A, Sawant S.** Potential Risks and Mitigation Strategies Before the Conduct of a Clinical Trial: An Industry Perspective. *Rev Recent Clin Trials.* 2015 Oct 5. [Epub ahead of print]
- 3740 Bieber E, Smits-Engelsman BC, Sgandurra G, Cioni G, Feys H, Guzzetta A, Klingels K.** Manual function outcome measures in children with developmental coordination disorder (DCD): Systematic review. *Res Dev Disabil.* 2016 Apr 7;55:114-131. doi: 10.1016/j.ridd.2016.03.009.
- 3835 Björkdahl A, Esbjörnsson E, Ljungqvist J, Skoglund T, Stibrant Sunnerhagen K.** Decline in cognitive function due to diffuse axonal injury does not necessarily imply a corresponding decline in ability to perform activities. *Disabil Rehabil.* 2015 Oct 24:1-10. [Epub ahead of print]
- 3767 Bours MJ, van der Linden BW, Winkels RM, van Duijnhoven FJ, Mols F, van Roekel EH, Kampman E, Beijer S, Weijenberg MP.** Candidate Predictors of Health-Related Quality of Life of Colorectal Cancer Survivors: A Systematic Review. *Oncologist.* 2016 Feb 24. pii: theoncologist.2015-0258.
- 3855 Carvalho-Pinto BP, Faria CD.** Health, function and disability in stroke patients in the community. *Braz J Phys Ther.* 2016 Jun 20;0:0. doi: 10.1590/bjpt-rbf.2014.0171.
- 3723 Centers for Medicare & Medicaid Services (CMS), HHS.** Medicare and Medicaid Programs; Fire Safety Requirements for Certain Health Care Facilities. Final rule. *Fed Regist.* 2016 May 4;81(86):26871-901.
- 3769 Chen S, Tao J, Tao Q, Fang Y, Zhou X, Chen H, Chen Z, Huang J, Chen L, Chan CC.** Rater experience influences reliability and validity of the brief International Classification of Functioning, Disability, and Health Core Set for Stroke. *J Rehabil Med.* 2016 Mar 1;48(3):265-72. doi: 10.2340/16501977-2063.
- 3834 Cheng CH, Tsai LC, Chung HC, Hsu WL, Wang SF, Wang JL, Lai DM, Chien A.** Exercise training for non-operative and post-operative patient with cervical radiculopathy: a literature review. *J Phys Ther Sci.* 2015 Sep;27(9):3011-8. doi: 10.1589/jpts.27.3011.
- 3755 Cieza A, Fayed N, Bickenbach J, Prodinger B.** Refinements of the ICF Linking Rules to strengthen their potential for establishing comparability of health information. *Disabil Rehabil.* 2016 Mar 17:1-10. [Epub ahead of print]
- 3821 Covelli V, Raggi A, Meucci P, Paganelli C, Leonardi M.** Ageing of people with Down's syndrome: a systematic literature review from 2000 to 2014. *Int J Rehabil Res.* 2015 Nov 27. [Epub ahead of print]
- 3801 Dahan-Oliel N, Shikako-Thomas K, Mazer B, Majnemer A.** Adolescents with disabilities participate in the shopping mall: facilitators and barriers framed according to the ICF. *Disabil Rehabil.* 2016 Jan 5:1-11. [Epub ahead of print]
- 3853 Dany A, Rapin A, Réveillère C, Calmus A, Tiffreau V, Morrone I, Novella JL, Jolly D, Boyer FC.** Exploring quality of life in people with slowly-progressive neuromuscular disease. *Disabil Rehabil.* 2016 Jun 24:1-11. [Epub ahead of print]
- 3816 Darcy L, Björk M, Knutsson S, Granlund M, Enskär K.** Following Young Children's Health and Functioning in Everyday Life Through Their Cancer Trajectory. *J Pediatr Oncol Nurs.* 2015 Dec 9. pii: 1043454215610489.
- 3858 Darzins SW, Imms C, Di Stefano M, Radia-George CA.** Personal Care Participation Assessment and Resource Tool: Clinical utility for inpatient rehabilitation: Utilité clinique du Personal Care Participation Assessment and Resource Tool pour la réadaptation en milieu hospitalier. *Can J Occup Ther.* 2016 Jun 13. pii: 0008417416648446.
- 3721 Darzins SW, Imms C, Di Stefano M.** Measurement of activity limitations and participation restrictions: examination of ICF-linked content and scale properties of the FIM and PC-PART instruments. *Disabil Rehabil.* 2016 May 20:1-14. [Epub ahead of print]
- 3836 David JA, Feldman BM.** Assessing Activities, Participation, and Quality of Life in Hemophilia: Relevance, Current Limitations, and Possible Options. *Semin Thromb Hemost.* 2015 Oct 20. [Epub ahead of print]
- 3719 De la Corte-Rodriguez H, Rodriguez-Merchan EC.** The ICF (International Classification of Functioning, Disability and Health) developed by the WHO for Measuring Function in Hemophilia. *Expert Rev Hematol.* 2016 May 24. [Epub ahead of print]
- 3797 de Schipper E, Mahdi S, de Vries P, Granlund M, Holtmann M, Karande S, Almodayfer O, Shulman C, Tonge B, Wong VV, Zwaigenbaum L, Bölte S.** Functioning and disability in autism spectrum disorder: A worldwide survey of experts. *Autism Res.* 2016 Jan 8. doi: 10.1002/aur.1592.
- 3811 Deck R, Walther AL, Staupendahl A, Katalinic A.** [Limitations of Social Participation in General Population - Normative Data of the IMET based on a Population-Based Survey in Northern Germany]. *Rehabilitation (Stuttg).* 2015 Dec;54(6):402-8. doi: 10.1055/s-0035-1559670.
- 3737 Deramore Denver B, Froude E, Rosenbaum P, Wilkes-Gillan S, Imms C.** Measurement of visual ability in children with cerebral palsy: a systematic review. *Dev Med Child Neurol.* 2016 Apr 21. doi: 10.1111/dmcn.13139.
- 3724 Durisala N, Manchaiah V, Granberg S, Möller K.** Determination and classification of the problems experienced by adults with single-sided deafness using ICF classification: An exploratory study using twenty six participants. *Clin Otolaryngol.* 2016 May 16. doi: 10.1111/coa.12671.

- 3831 Escorpizo R.** Summary and Way Forward: Doing more of ICF in physical therapy. *Physiother Res Int.* 2015 Nov 2. doi: 10.1002/pri.1656.
- 3826 Farzad M, Asgari A, Layeghi F, Yazdani F, Hosseini SA, Rassafiani M, Kus S.** Exploring the Relation Between Impairment Rating by AMA Guide and Activity and Participation Based on ICF in the Patients with Hand Injuries. *J Hand Microsurg.* 2015 Dec;7(2):261-267. Epub 2015 Aug 12.
- 3768 Ferreira KR, Carvalho RB, Andrade MF, Thuler LC, Bergmann A.** Translation and Cross-Cultural Adaptation of the Lymphoedema Functioning, Disability and Health Questionnaire for Lower Limb Lymphoedema into Portuguese Language. *Rev Bras Ginecol Obstet.* 2016 Feb;38(2):88-96. doi: 10.1055/s-0036-1571471.
- 3771 Finger M, de Bie R, Selb M, Escorpizo R.** An examination of concepts in vocational rehabilitation that could not be linked to the ICF based on an analysis of secondary data. *Work.* 2016 Feb 15. [Epub ahead of print]
- 3814 Florio J, Arnet U, Gemperli A, Hinrichs T; SwiSCI study group.** Need and use of assistive devices for personal mobility by individuals with spinal cord injury. *J Spinal Cord Med.* 2015 Dec 14. [Epub ahead of print]
- 3847 Fontana C, Picciolini O, Fumagalli M, Mosca F, Bernardelli G, Leonardi M, Meucci P, Raggi A, Giovannetti AM.** A longitudinal ICF-CY-based evaluation of functioning and disability of children born with very low birth weight. *Int J Rehabil Res.* 2016 Jun 29. [Epub ahead of print]
- 3760 Geyh S, Kunz S, Müller R, Peter C.** Describing functioning and health after spinal cord injury in the light of psychological-personal factors. *J Rehabil Med.* 2016 Mar 1;48(2):219-34. doi: 10.2340/16501977-2027.
- 3763 Grill JD, Zhou Y, Elashoff D, Karlawish J.** Disclosure of amyloid status is not a barrier to recruitment in preclinical Alzheimer's disease clinical trials. *Neurobiol Aging.* 2016 Mar;39:147-53. doi: 10.1016/j.neurobiolaging.2015.11.007.
- 3734 Hancock AB.** An ICF Perspective on Voice-related Quality of Life of American Transgender Women. *J Voice.* 2016 Apr 25. pii: S0892-1997(16)30019-4. doi: 10.1016/j.jvoice.2016.03.013.
- 3800 Harun A, Li C, Bridges JF, Agrawal Y.** Understanding the Experience of Age-Related Vestibular Loss in Older Individuals: A Qualitative Study. *Patient.* 2016 Jan 6. [Epub ahead of print]
- 3788 Hawley R, Madden RH, Brentnall J, Serratore D, Grant S, Luft I, Bundy A.** Testing and development of an instrument for self-report of participation and related environmental factors - Your Ideas about Participation and Environment (YIPE) among adults with brain injury. *Disabil Rehabil.* 2016 Jan 18;1-9. [Epub ahead of print]
- 3852 Heinemann AW, Miskovic A, Semik P, Wong A, Dashner J, Baum C, Magasi S, Hammel J, Tulsy DS, Garcia SF, Jerousek S, Lai JS, Carlozzi NE, Gray DB.** Measuring Environmental Factors: Unique and Overlapping ICF Coverage of Five Instruments. *Arch Phys Med Rehabil.* 2016 Jun 22. pii: S0003-9993(16)30258-1. doi: 10.1016/j.apmr.2016.05.021.
- 3757 Heise M, Müller M, Fischer U, Grill E.** Quality of life in older individuals with joint contractures in geriatric care settings. *Qual Life Res.* 2016 Mar 15. [Epub ahead of print]
- 3799 Hoffman K, Playford DE, Grill E, Soberg HL, Brohi K.** Minimum data set to measure rehabilitation needs and health outcome after major trauma: application of an international framework. *Eur J Phys Rehabil Med.* 2016 Jan 8. [Epub ahead of print]
- 3779 Hopfe M, Stucki G, Marshall R, Twomey CD, Üstün TB, Prodinge B.** Capturing patients' needs in casemix: a systematic literature review on the value of adding functioning information in reimbursement systems. *BMC Health Serv Res.* 2016 Feb 3;16(1):40. doi: 10.1186/s12913-016-1277-x.
- 3810 Huang SW, Chang KH, Escorpizo R, Chi WC, Yen CF, Liao HF, Chang FH, Chiu WT, Lin JW, Liou TH.** Functioning and disability analysis by using WHO Disability Assessment Schedule 2.0 in older adults Taiwanese patients with dementia. *Disabil Rehabil.* 2015 Dec 18;1-12. [Epub ahead of print]
- 3828 Huber EO, Bastiaenen CH, Bischoff-Ferrari HA, Meichtry A, de Bie RA.** Development of the knee osteoarthritis patient education questionnaire: a new measure for evaluating preoperative patient education programmes for patients undergoing total knee replacement. *Swiss Med Wkly.* 2015 Nov 12;145:w14210. doi: 10.4414/sm.w.2015.14210.
- 3837 Hudson JL, Bower P, Archer J, Coventry PA.** Does collaborative care improve social functioning in adults with depression? The application of the WHO ICF framework and meta-analysis of outcomes. *J Affect Disord.* 2015 Oct 3;189:379-391. doi: 10.1016/j.jad.2015.09.034.
- 3806 Hwang AW, Yen CF, Liou TH, Bedell G, Granlund M, Teng SW, Chang KH, Chi WC, Liao HF.** Development and validation of the ICF-CY-Based Functioning Scale of the Disability Evaluation System-Child Version in Taiwan. *J Formos Med Assoc.* 2015 Dec;114(12):1170-80. doi: 10.1016/j.jfma.2015.11.002.
- 3727 Ibsen C, Schiøttz-Christensen B, Melchiorsen H, Nielsen CV, Maribo T.** Do Patient-Reported Outcome Measures describe functioning in patients with low back pain, using the Brief International Classification of Functioning, Disability and Health Core Set as a reference? *J Rehabil Med.* 2016 May 13. doi: 10.2340/16501977-2100.
- 3867 Illum NO, Bonderup M, Gradel KO.** Environmental needs in childhood disability analysed by the WHO ICF, Child and Youth Version. *Dan Med J.* 2016 Jun;63(6). pii: A5238.
- 3742 Jeevanantham D, Bartlett D.** Perspectives on classification of selected childhood neurodisabilities based on a review of literature. *Dev Neurorehabil.* 2016 Apr 8:1-13.
- 3796 Joseph C, Phillips J, Wahman K, Nilsson Wikmar L.** Mapping two measures to the International Classification Of Functioning, Disability and Health and the brief ICF core set for spinal cord injury in the post-acute context. *Disabil Rehabil.* 2016 Jan 9:1-9. [Epub ahead of print]
- 3781 Kaech Moll VM, Escorpizo R, Portmann Bergamaschi R, Finger ME.** Validation of the Comprehensive ICF Core Set for Vocational Rehabilitation From the Perspective of Physical Therapists: An International Delphi Survey. *Phys Ther.* 2016 Feb 4. [Epub ahead of print]
- 3735 Kahraman A, Seyhan K, De-er Ü, Kutlutürk S, Mutlu A.** Should botulinum toxin A injections be repeated in children with cerebral palsy? A systematic review. *Dev Med Child Neurol.* 2016 Apr 22. doi: 10.1111/dmcn.13135.
- 3849 Khanal S, Baral S, Shrestha P, Puri M, Kandel S, Lamichanne B, Elsej H, Brouwer M, Goel S, Chinnakali P.** Yield of intensified tuberculosis case-finding activities using Xpert(®) MTB/RIF among risk groups in Nepal. *Public Health Action.* 2016 Jun 21;6(2):136-41. doi: 10.5588/pha.16.0015.
- 3783 Klang N, Rowland C, Fried-Oken M, Steiner S, Granlund M, Adolfsson M.** The content of goals in individual educational programs for students with complex communication needs. *Augment Altern Commun.* 2016 Mar;32(1):41-8. doi: 10.3109/07434618.2015.1134654.
- 3808 Kolia AG, Williamson PR, Blazeby JM.** Letter to the editor Re: Methodological issues on the development of a core outcome set for spine trauma. Re: Cumhur Oner et al (Towards the Development of a Universal Outcome Instrument for Spine Trauma - A Systematic Review and Content Comparison of Outcome Measures used in Spine Trauma Research Using the ICF as Reference). *Spine (Phila Pa 1976).* 2015 Dec

18. [Epub ahead of print]

3857 Kool EM, Nijsten MJ, van Ede AE, Jansen TL, Taylor WJ.

Discrepancies in how the impact of gout is assessed in outcomes research compared to how health professionals view the impact of gout, using the lens of the International Classification of Functioning, Health and Disability (ICF). *Clin Rheumatol*. 2016 Jun 14. [Epub ahead of print]

3764 Krause D, Gabriel B, Herborn G, Braun J, Rau R. Response to methotrexate predicts long-term patient-related outcomes in rheumatoid arthritis. *Clin Rheumatol*. 2016 Feb 26. [Epub ahead of print]

3756 Kristensen HK, Ytterberg C, Jones DL, Lund H. Research-based evidence in stroke rehabilitation: an investigation of its implementation by physiotherapists and occupational therapists. *Disabil Rehabil*. 2016 Mar 17:1-11. [Epub ahead of print]

3862 Kufa T, Chihota V, Mngomezulu V, Charalambous S, Verver S, Churchyard G, Borgdorff M. The incidence of tuberculosis among hiv-positive individuals with high CD4 counts: implications for policy. *BMC Infect Dis*. 2016 Jun 10;16(1):266. doi: 10.1186/s12879-016-1598-8.

3758 Kwon SY, Hong SE, Kim EJ, Kim CH, Joa KL, Jung HY. Monitoring of Functioning Status in Subjects With Chronic Stroke in South Korea Using WHODAS II. *Ann Rehabil Med*. 2016 Feb;40(1):111-9. doi: 10.5535/arm.2016.40.1.111.

3782 Lämås K, Häger C, Lindgren L, Wester P, Brulin C. Does touch massage facilitate recovery after stroke? A study protocol of a randomized controlled trial. *BMC Complement Altern Med*. 2016 Feb 4;16(1):50. doi: 10.1186/s12906-016-1029-9.

3805 Latham K, Baranian M, Timmis M, Pardhan S. Emotional Health of People with Visual Impairment Caused by Retinitis Pigmentosa. *PLoS One*. 2015 Dec 29;10(12):e0145866. doi: 10.1371/journal.pone.0145866.

3841 Leonardi M, Sykes CR, Madden RC, Ten Napel H, Hollenweger J, Snyman S, Madden RH, Kraus De Camargo O, Raggi A, van Gool CH, Martinuzzi A; Functioning and Disability Reference Group of the WHO-FIC. Do we really need to open a classification box on personal factors in ICF? *Disabil Rehabil*. 2015 Oct 12:1-2. [Epub ahead of print].

3736 Letellier ME, Mayo N. Assessment of breast cancer disability: agreement between expert assessment and patient reports. *Disabil Rehabil*. 2016 Apr 21:1-11. [Epub ahead of print]

3750 Li J, Proding B, Reinhardt JD, Stucki G. Towards the system-wide implementation of the International Classification of Functioning, Disability and Health in routine practice: Lessons learned from a pilot study in China. *J Rehabil Med*. 2016 Mar 22. doi: 10.2340/16501977-2067.

3728 Li K, Yan T, You L, Xie S, Li Y, Tang J, Wang Y, Gao Y. The inter-rater reliability of the International Classification of Functioning, Disability and Health set for spinal cord injury nursing. *Int J Rehabil Res*. 2016 May 11. [Epub ahead of print]

3824 Lin YC, Huang CY, Lin IL, Shieh JY, Chung YT, Chen KL. Evaluating Functional Outcomes of Botulinum Toxin Type A Injection Combined with Occupational Therapy in the Upper Limbs of Children with Cerebral Palsy: A 9-Month Follow-Up from the Perspectives of Both Child and Caregiver. *PLoS One*. 2015 Nov 24;10(11):e0142769. doi: 10.1371/journal.pone.0142769.

3842 Liow NY, Gimeno H, Lumsden DE, Marianczak J, Kaminska M, Tomlin S, Lin JS. Gabapentin can significantly improve dystonia severity and quality of life in children. *Eur J Paediatr Neurol*. 2015 Sep 28. pii: S1090-3798(15)00168-3. doi: 10.1016/j.ejpn.2015.09.007.

3838 Loke SC, Lim WS, Someya Y, Hamid TA, Nudin SS. Examining the Disability Model From the International Classification of Functioning, Disability, and Health Using a Large Data Set of Community-Dwelling

Malaysian Older Adults. *J Aging Health*. 2015 Oct 15. pii: 0898264315609907. [Epub ahead of print]

3722 Lukersmith S, Hopman K, Vine K, Krahe L, McColl A. A new framing approach in guideline development to manage different sources of knowledge. *J Eval Clin Pract*. 2016 May 19. doi: 10.1111/jep.12566.

3720 Luttenberger K, Reppermund S, Schmiedeberg-Sohn A, Book S, Graessel E. Validation of the Erlangen Test of Activities of Daily Living in Persons with Mild Dementia or Mild Cognitive Impairment (ETAM). *BMC Geriatr*. 2016 May 26;16(1):111. doi: 10.1186/s12877-016-0271-9.

3789 Manchaiah V, Stein G, Danermark B, Germundsson P. Positive, Neutral, and Negative Connotations Associated with Social Representation of 'Hearing Loss' and 'Hearing Aids'. *J Audiol Otol*. 2015 Dec;19(3):132-7. doi: 10.7874/jao.2015.19.3.132.

3813 Maribo T, Petersen KS, Handberg C, Melchiorson H, Momsen AM, Nielsen CV, Leonardi M, Labriola M. Systematic Literature Review on ICF From 2001 to 2013 in the Nordic Countries Focusing on Clinical and Rehabilitation Context. *J Clin Med Res*. 2016 Jan;8(1):1-9. doi: 10.14740/jocmr2400w.

3860 Marom BS, Carel RS, Sharabi M, Ratzon NZ. Cross-cultural adaptation of the World Health Organization Disability Assessment Schedule 2.0 (WHODAS 2.0) for Hebrew-speaking subjects with and without hand injury. *Disabil Rehabil*. 2016 Jun 13:1-7. [Epub ahead of print]

3803 Micaela Silva S, Carlos Ferrari Corrêa J, da Silva Mello T, Rodrigues Ferreira R, Fernanda da Costa Silva P, Ishida Corrêa F. Impact of depression following a stroke on the participation component of the International Classification of Functioning, Disability and Health. *Disabil Rehabil*. 2016 Jan 4:1-6. [Epub ahead of print]

3846 Morley D, Dummett S, Kelly L, Dawson J, Fitzpatrick R, Jenkinson C. Validation of the Oxford Participation and Activities Questionnaire. *Patient Relat Outcome Meas*. 2016 Jun 15;7:73-80. doi: 10.2147/PROM.S96822.

3746 Murphy N. The ICF as a measure of effectiveness: structure, function, and contextual factors. *Dev Med Child Neurol*. 2016 Apr 2. doi: 10.1111/dmcn.13131.

3832 Muschalla B. Different work capacity impairments in patients with different work-anxieties. *Int Arch Occup Environ Health*. 2015 Oct 29. [Epub ahead of print]

3839 Mutombo N, Maina B, Jamali M. Male circumcision and HIV infection among sexually active men in Malawi. *BMC Public Health*. 2015 Oct 13;15(1):1051. doi: 10.1186/s12889-015-2384-z.

3809 Negrini S, Kiekens C, Zampolini M, Wever D, Varela Donoso E, Christodoulou N. Methodology of "physical and rehabilitation medicine practice, evidence based position papers - The European position" produced by the UEMS-PRM Section. *Eur J Phys Rehabil Med*. 2015 Dec 17. [Epub ahead of print]

3748 Nguyen T, Fayed N, Gorter JW, MacDermid J. Enhancing interprofessional education and practice: Development and implementation of a new graduate-level course using the international classification of functioning, disability, and health. *J Interprof Care*. 2016 Mar 30:1-3.

3840 Nicol R, Robinson Nicol M, Hopfe M, Newell D. Linking the Bournemouth Questionnaire for low back pain to the International Classification of Functioning, Disability and Health. *Disabil Rehabil*. 2015 Oct 12:1-8. [Epub ahead of print]

3802 Norlander A, Jönsson AC, Ståhl A, Lindgren A, Iwarsson S. Activity among long-term stroke survivors. A study based on an ICF-oriented analysis of two established ADL and social activity instruments. *Disabil Rehabil*. 2016 Jan 5:1-10. [Epub ahead of print]

3850 Nüchtern E, Gansweid B, Gerber H, von Mittelstaedt G.

Participation as Target of Social Medicine and Nursing Care: - Legal Definition of Long-Term Care Dependency - Strategies to Prevent Long-Term Care Dependency]. *Gesundheitswesen*. 2016 Jun 29. [Epub ahead of print] German.

3823 O'Leary TJ, Morris MG, Collett J, Howells K. Central and peripheral fatigue following non-exhaustive and exhaustive exercise of disparate metabolic demands. *Scand J Med Sci Sports*. 2015 Nov 26. doi: 10.1111/sms.12582.

3829 Oner F, Jacobs WC, Lehr AM, Sadiqi S, Post MW, Aarabi B, Chapman JR, Dvorak MF, Fehlings MG, Kandziora F, Rajasekaran S, Vaccaro AR. Towards the Development of a Universal Outcome Instrument for Spine Trauma - A Systematic Review and Content Comparison of Outcome Measures used in Spine Trauma Research Using the ICF as Reference. *Spine (Phila Pa 1976)*. 2015 Oct 17. [Epub ahead of print]

3864 Opie GM, Evans A, Ridding MC, Semmler JG. Short-term immobilization influences use-dependent cortical plasticity and fine motor performance. *Neuroscience*. 2016 Aug 25;330:247-56. doi: 10.1016/j.neuroscience.2016.06.002.

3827 Paleg G, Livingstone R. Systematic review and clinical recommendations for dosage of supported home-based standing programs for adults with stroke, spinal cord injury and other neurological conditions. *BMC Musculoskelet Disord*. 2015 Nov 17;16(1):358. doi: 10.1186/s12891-015-0813-x.

3766 Park SB, Kim KN, Sung E, Lee SY, Shin HC. Human Placental Extract as a Subcutaneous Injection is effective in Chronic Fatigue Syndrome. *Biol Pharm Bull*. 2016 Feb 25. [Epub ahead of print]

3765 Penha TR, Botter B, Heuts EM, Voogd AC, von Meyenfeldt MF, van der Hulst RR. Quality of Life in Patients with Breast Cancer-Related Lymphedema and Reconstructive Breast Surgery. *J Reconstr Microsurg*. 2016 Feb 26. [Epub ahead of print]

3786 Philbois SV, Martins J, Souza CS, Sampaio RF, Oliveira AS. Health professionals identify components of the International Classification of Functioning, Disability and Health (ICF) in questionnaires for the upper limb. *Braz J Phys Ther*. 2016 Jan 19. pii: S1413-35552016005000135.

3791 Pils K. Aspects of physical medicine and rehabilitation in geriatrics. *Wien Med Wochenschr*. 2016 Jan 12. [Epub ahead of print]

3830 Pinna F, Fiorillo A, Tusconi M, Guiso B, Carpiello B. Assessment of functioning in patients with schizophrenia and schizoaffective disorder with the Mini-ICF-APP: a validation study in Italy. *Int J Ment Health Syst*. 2015 Oct 31;9:37. doi: 10.1186/s13033-015-0030-x.

3770 Pinto-Carral A, Fernández Villa T, Molina de la Torre AJ. Patient Reported Mobility: A Systematic Review. *Arch Phys Med Rehabil*. 2016 Feb 17. pii: S0003-9993(16)00093-9. doi: 10.1016/j.apmr.2016.01.025.

3812 Poerbodipoero SJ, Sturkenboom IH, van Hartingsveldt MJ, Nijhuis-van der Sanden MW, Graff MJ. The construct validity of the Dutch version of the activity card sort. *Disabil Rehabil*. 2015 Dec 16:1-9. [Epub ahead of print]

3725 Pongiglione B, De Stavola BL, Kuper H, Ploubidis GB. Disability and all-cause mortality in the older population: evidence from the English Longitudinal Study of Ageing. *Eur J Epidemiol*. 2016 May 13. [Epub ahead of print]

3761 Prodinge B, Ballert CS, Brach M, Brinkhof MW, Cieza A, Hug K, Jordan X, Post MW, Scheel-Sailer A, Schubert M, Tennant A, Stucki G. Toward standardized reporting for a cohort study on functioning: The Swiss Spinal Cord Injury Cohort Study. *J Rehabil Med*. 2016 Mar 1;48(2):189-96. doi: 10.2340/16501977-2026.

3762 Prodinge B, Ballert CS, Cieza A. Setting up a cohort study of

functioning: From classification to measurement. *J Rehabil Med*. 2016 Mar 1;48(2):131-40. doi: 10.2340/16501977-2030.

3784 Prodinge B, Cieza A, Oberhauser C, Bickenbach J, Üstün TB, Chatterji S, Stucki G. Toward the International Classification of Functioning, Disability and Health (ICF) Rehabilitation Set: A Minimal Generic Set of Domains for Rehabilitation as a Health Strategy. *Arch Phys Med Rehabil*. 2016 Jan 28. pii: S0003-9993(16)00038-1. doi: 10.1016/j.apmr.2015.12.030.

3751 Prodinge B, Reinhardt JD, Selb M, Stucki G, Yan T, Zhang X, Li J. Towards system-wide implementation of the International Classification of Functioning, Disability and Health (ICF) in routine practice: Developing simple, intuitive descriptions of ICF categories in the ICF Generic and Rehabilitation Set. *J Rehabil Med*. 2016 Mar 22. doi: 10.2340/16501977-2066.

3815 Prodinge B, Stamm T, Petersson D, Stucki G, Tennant A; ICF INFO Network. Toward a standardized reporting of outcomes in hand osteoarthritis: Developing a common metric of outcome measures commonly used to assess functioning. *Arthritis Care Res (Hoboken)*. 2015 Dec 14. doi: 10.1002/acr.22816.

3754 Prodinge B, Tennant A, Stucki G, Cieza A, Üstün TB. Harmonizing routinely collected health information for strengthening quality management in health systems: requirements and practice. *J Health Serv Res Policy*. 2016 Mar 15. pii: 1355819616636411.

3820 Pyykkö I, Manchaiah V, Levo H, Kentala E. Impact evaluation and association with EuroQol 5D health-related utility values in Ménière's disease. *Springerplus*. 2015 Nov 24;4:717. eCollection 2015.

3743 Rapp RS, Queri S. Validation of Personal Factors in Breast Cancer Rehabilitation - A National Delphi Survey. *Gesundheitswesen*. 2016 Apr 7. [Epub ahead of print] German.

3790 Reddy KK, Ananthkrishnan R, Jacob AG, Das M, Isaakidis P, Kumar AM. Intensified tuberculosis case finding amongst vulnerable communities in southern India. *Public Health Action*. 2015 Dec 21;5(4):246-8. doi: 10.5588/pha.15.0048.

3726 Reinhardt JD, Zhang X, Prodinge B, Ehrmann-Bostan C, Selb M, Stucki G, Li J. Towards the system-wide implementation of the International Classification of Functioning, Disability, and Health in routine clinical practice: Empirical findings of a pilot study from Mainland China. *J Rehabil Med*. 2016 May 13. doi: 10.2340/16501977-2102.

3745 Madden RH, Lukersmith S, Millington MJ, Scarf C, Fortune N, Hartley S, Llewellyn G. Participatory Monitoring of Community-Based Rehabilitation and other Disability-Inclusive Development Programmes: the Development of a Manual and Menu. *Disability, CBR and Inclusive Development*, 2015; 26(4): 26-52.

3856 Rodríguez-Blázquez C, Damián J, Andrés-Prado MJ, Almazán-Isla J, Alcalde-Cabero E, Forjaz MJ, Castellote JM, González-Enríquez J, Martínez-Martín P, Comín M, de Pedro-Cuesta J; DISCAP-ARAGON Research Group. Associations between chronic conditions, body functions, activity limitations and participation restrictions: a cross-sectional approach in Spanish non-clinical populations. *BMJ Open*. 2016 Jun 14;6(6):e010446. doi: 10.1136/bmjopen-2015-010446.

3752 Roe Y, Østensjø S. Conceptualization and assessment of disability in shoulder-specific measures with reference to the International Classification of Functioning, Disability and Health. *J Rehabil Med*. 2016 Mar 29;48(4):325-32. doi: 10.2340/16501977-2072.

3861 Ross SM, MacDonald M, Bigouette JP. Effects of strength training on mobility in adults with cerebral palsy: A systematic review. *Disabil Health J*. 2016 Jul;9(3):375-84. doi: 10.1016/j.dhjo.2016.04.005. Epub 2016 Apr 26. Review.

3795 Rowland C, Fried-Oken M, Bowser G, Granlund M, Lollar D, Phelps R, Simeonsson RJ, Steiner SA. The Communication Supports

Inventory-Children & Youth (CSI-CY), a new instrument based on the ICF-CY. *Disabil Rehabil.* 2016 Jan 10;1-9. [Epub ahead of print]

3744 Ganesh S, Mohanty P, Das SP, R Patel, Pandey RN, Satapathy A. Multidisciplinary Management of Knee Osteoarthritis using the International Classification of Functioning, Disability and Health. *Disability, CBR and Inclusive Development*, 2015; 26(4): 155-169.

3741 Sadiqi S, Lehr AM, Post MW, Jacobs WC, Aarabi B, Chapman JR, Dunn RN, Dvorak MF, Fehlings MG, Rajasekaran S, Vialle LR, Vaccaro AR, Oner FC. The selection of core International Classification of Functioning, Disability, and Health (ICF) categories for patient-reported outcome measurement in spine trauma patients—results of an international consensus process. *Spine J.* 2016 Apr 4. pii: S1529-9430(16)30020-1. doi: 10.1016/j.spinee.2016.03.050.

3807 Sadiqi S, Mechteld Lehr A, Jacobs WC, Post MW, Cumhur Oner F. Reply to the Letter to the Editor regarding "Towards the Development of a Universal Outcome Instrument for Spine Trauma - A Systematic Review and Content Comparison of Outcome Measures used in Spine Trauma Research Using the ICF as Reference." *Spine (Phila Pa 1976)*. 2015 Oct 17. *Spine (Phila Pa 1976)*. 2015 Dec 18. [Epub ahead of print]

3819 Salih SA, Peel NM, Marshall W. Using the International Classification of Functioning, Disability and Health framework to categorise goals and assess goal attainment for transition care clients. *Australas J Ageing.* 2015 Dec;34(4):E13-6. doi: 10.1111/ajag.12237.

3778 Saltychev M, Bärlund E, Mattie R, McCormick Z, Paltamaa J, Laimi K. A study of the psychometric properties of 12-item World Health Organization Disability Assessment Schedule 2.0 in a large population of people with chronic musculoskeletal pain. *Clin Rehabil.* 2016 Feb 5. pii: 0269215516631385.

3772 Sánchez J, Rosenthal DA, Tansey TN, Frain MP, Bezyak JL. Predicting quality of life in adults with severe mental illness: Extending the International Classification of Functioning, Disability, and Health. *Rehabil Psychol.* 2016 Feb;61(1):19-31. doi: 10.1037/rep0000059.

3732 Santisteban L, Térémets M, Bleton JP, Baron JC, Maier MA, Lindberg PG. Upper Limb Outcome Measures Used in Stroke Rehabilitation Studies: A Systematic Literature Review. *PLoS One.* 2016 May 6;11(5):e0154792. doi: 10.1371/journal.pone.0154792.

3804 Savin Z, Lejbkowitz I, Glass-Marmor L, Lavi I, Rosenblum S, Miller A. Effect of Fampridine-PR (prolonged released 4-aminopyridine) on the manual functions of patients with Multiple Sclerosis. *J Neurol Sci.* 2016 Jan 15;360:102-9. doi: 10.1016/j.jns.2015.11.035.

3759 Schliermann R, Heydenreich P, Bungter T, Anneken V. Health-related quality of life in working-age adults with visual impairments in Germany. *Disabil Rehabil.* 2016 Mar 3;1-10. [Epub ahead of print]

3718 Siegrist J, Fekete C. Fair opportunities, social productivity and wellbeing in disability: Towards a theoretical foundation. *J Rehabil Med.* 2016 May 27. doi: 10.2340/16501977-2106.

3773 Silva SM, Corrêa FI, Faria CD, Pereira GS, Attié EA, Corrêa JC. Reproducibility of the items on the Stroke Specific Quality of Life questionnaire that evaluate the participation component of the International Classification of Functioning, Disability and Health. *Disabil Rehabil.* 2016 Feb 16;1-6. [Epub ahead of print]

3825 Sirtori A, Brunani A, Capodaglio P, Berselli ME, Villa V, Ceriani F, Corti S, Leonardi M, Raggi A; and ICF-OBESITY Group. Patients with obesity-related comorbidities have higher disability compared with those without obesity-related comorbidities: results from a cross-sectional study. *Int J Rehabil Res.* 2015 Nov 17. [Epub ahead of print]

3777 Sivan M, Gallagher J, Holt R, Weightman A, O'Connor R, Levesley M. Employing the International Classification of Functioning, Disability and Health (ICF) Framework to Capture User Feedback in the Design and Testing Stage of Development of Home-Based Arm

Rehabilitation Technology. *Assist Technol.* 2016 Feb 6. [Epub ahead of print]

3753 Smith K, Neville-Jan A, Freeman KA, Adams E, Mizokawa S, Dudgeon BJ, Merkens MJ, Walker WO. The effectiveness of bowel and bladder interventions in children with spina bifida. *Dev Med Child Neurol.* 2016 Mar 15. doi: 10.1111/dmcn.13095.

3747 Sneath G, Bilger A, Maula EC, Salzer MS. Exploring Personal Medicine as Part of Self-Directed Care: Expanding Perspectives on Medical Necessity. *Psychiatr Serv.* 2016 Apr 1;appips201500311.

3787 Souza MA, Ferreira FR, César CC, Furtado SR, Coster WJ, Mancini MC, Sampaio RF. Development of a first-contact protocol to guide assessment of adult patients in rehabilitation services networks. *Braz J Phys Ther.* 2016 Jan 19. pii: S1413-35552016005000137.

3833 Spies M, Brütt AL, Freitag M, Buchholz A. Application of the International Classification of Functioning, Disability and Health (ICF) in Psychosomatic Rehabilitation and Addiction Rehabilitation in Germany - The Current State. *Rehabilitation (Stuttg).* 2015 Oct;54(5):297-303. doi: 10.1055/s-0035-1555908.

3859 Steel EJ, Janeslätt G. Drafting standards on cognitive accessibility: a global collaboration. *Disabil Rehabil Assist Technol.* 2016 Jun 13;1-8. [Epub ahead of print]

3738 Steel EJ, Layton NA. Assistive Technology in Australia: Integrating theory and evidence into action. *Aust Occup Ther J.* 2016 Apr 18. doi: 10.1111/1440-1630.12293.

3794 Streber R, Peters S, Pfeifer K. Systematic review of correlates and determinants of physical activity in persons with multiple sclerosis. *Arch Phys Med Rehabil.* 2016 Jan 2. pii: S0003-9993(15)01566-X. doi: 10.1016/j.apmr.2015.11.020.

3717 Stucki G. Olle Höök Lectureship 2015: The World Health Organization's paradigm shift and implementation of the International Classification of Functioning, Disability and Health in rehabilitation. *J Rehabil Med.* 2016 May 27. doi: 10.2340/16501977-2109.

3848 Szkwarko D, Mercer T, Kimani S, Braitstein P, Buziba N, Carter EJ. Implementing intensified tuberculosis case-finding among street-connected youth and young adults in Kenya. *Public Health Action.* 2016 Jun 21;6(2):142-6. doi: 10.5588/pha.16.0021.

3792 Talo SA, Rytökoski UM. BPS-ICF model, a tool to measure biopsychosocial functioning and disability within ICF concepts: theory and practice updated. *Int J Rehabil Res.* 2016 Jan 11. [Epub ahead of print]

3730 Tran J, Dorstyn DS, Burke AL. Psychosocial aspects of spinal cord injury pain: a meta-analysis. *Spinal Cord.* 2016 May 10. doi: 10.1038/sc.2016.66.

3793 Tseng MH, Chen KL, Shieh JY, Lu L, Huang CY, Simeonsson RJ. Child characteristics, caregiver characteristics, and environmental factors affecting the quality of life of caregivers of children with cerebral palsy. *Disabil Rehabil.* 2016 Jan 10;1-9. [Epub ahead of print]

3866 Valiani V, Corbett DB, Knaggs JD, Manini TM. Metabolic Rate and Perceived Exertion of Walking in Older Adults With Idiopathic Chronic Fatigue. *J Gerontol A Biol Sci Med Sci.* 2016 Jun 6. pii: glw108.

3822 Van de Velde D, Bracke P, Van Hove G, Josephsson S, Viaene A, De Boever E, Coorevits P, Vanderstraeten G. Measuring participation when combining subjective and objective variables; the development of the Ghent Participation Scale (GPS). *Eur J Phys Rehabil Med.* 2015 Nov 27. [Epub ahead of print]

3844 van de Ven-Stevens LA, Graff MJ, Selles RW, Schreuders TA, van der Linde H, Spauwen PH, Geurts AC. Instruments for assessment of impairments and activity limitations in patients with hand conditions: A European Delphi study. *J Rehabil Med.* 2015 Oct 9. doi: 10.2340/16501977-2015.

3780 van Iersel PA, Algra AM, Bakker SC, Jonker AJ, Hadders-Algra M. Limitations in the Activity of Mobility at Age 6 Years After Difficult Birth at Term: A Prospective Cohort Study. *Phys Ther.* 2016 Feb 4. [Epub ahead of print]

3818 van Uem JM, Marinus J, Canning C, van Lummel R, Dodel R, Liepelt-Scarfone I, Berg D, Morris ME, Maetzler W. Health-Related Quality of Life in patients with Parkinson's disease-A systematic review based on the ICF model. *Neurosci Biobehav Rev.* 2015 Dec 2;61:26-34. doi: 10.1016/j.neubiorev.2015.11.014.

3739 Vincent-Onabajo GO, Ihaza LO, Usman Ali M, Ali Masta M, Majidadi R, Modu A, Umeonwuka C. Impact of social support on participation after stroke in Nigeria. *Top Stroke Rehabil.* 2016 Mar 30:1-6.

3851 Wallace SJ, Worrall L, Rose T, Le Dorze G, Cruice M, Isaksen J, Kong AP, Simmons-Mackie N, Scarinci N, Gauvreau CA. Which outcomes are most important to people with aphasia and their families? an international nominal group technique study framed within the ICF. *Disabil Rehabil.* 2016 Jun 27:1-16. [Epub ahead of print]

3774 Wallen M, Stewart K. Grading and Quantification of Upper Extremity Function in Children with Spasticity. *Semin Plast Surg.* 2016 Feb;30(1):5-13. doi: 10.1055/s-0035-1571257.

3749 Ward R, Reynolds JE, Bear N, Elliott C, Valentine J. What is the evidence for managing tone in young children with, or at risk of developing, cerebral palsy: a systematic review. *Disabil Rehabil.* 2016 Mar 30:1-12. [Epub ahead of print]

3863 Weber A, Weber U. Employed with a hearing impairment in Saxony, Saxony-Anhalt, and Thuringia : Regional results of the GINKO study. *HNO.* 2016 Jun 10. [Epub ahead of print].

3729 White S, Kuper H, Itimu-Phiri A, Holm R, Biran A. A Qualitative Study of Barriers to Accessing Water, Sanitation and Hygiene for Disabled People in Malawi. *PLoS One.* 2016 May 12;11(5):e0155043. doi: 10.1371/journal.pone.0155043.

3854 Winberg C, Carlsson G, Brogårdh C, Lexel J. The Perception of Physical Activity in Ambulatory Persons With Late Effects of Polio: A Qualitative Study. *J Aging Phys Act.* 2016 Jun 23. [Epub ahead of print]

3731 Worrall L, Brandenburg C, Shrubsole K. Neuroscientific Implications in Assessment and Intervention for Aphasia. *Folia Phoniatr Logop.* 2016 May 3;67(6):285-292.

3785 Xiong C, Martin T, Sravanapudi A, Colantonio A, Mollayeva T. Factors associated with return to work in men and women with work-related traumatic brain injury. *Disabil Health J.* 2015 Dec 13. pii: S1936-6574(15)00207-1. doi: 10.1016/j.dhjo.2015.12.002.