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追加資料

「ハイリスク児の予後改善のための施設データベースを用いた分析」

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解析データ 1～227

資料データの見方

本資料は、報告書作成時点での、2010年出生児の単年のデータおよび2003～2010年出生児の経時的変化をまとめたものである。資料1～179が2010年データ、資料180～209が通年データ、資料210～227が予後データである。各データは以下のような構成となっている。

1. 資料1は施設データの集計で、95施設のデータである。データは全て95施設の平均である。
2. 資料2～17は2010年出生児の施設全体の平均データである。
3. 資料18～21は各施設別のデータで、データを施設別に降順あるいは昇順に並べたものである。施設番号は資料データ毎に入れ替わっているため、自施設の施設番号を知りたい場合には、Webページにアクセスし、自施設のデータを集計して比較する必要がある。以下全て施設番号については同様である。
4. 資料22～73はデータを施設別に集計し、上段は絶対数で下段は百分率で表示したものである。
5. 資料74～126はデータを出生体重(100g毎)別に集計したもので、同様に、上段は絶対数で下段は百分率で表示したものである。データは全施設の平均である。
6. 資料127～179はデータを在胎期間(1週毎)別に集計したもので、同様に、上段は絶対数で下段は百分率で表示したものである。データは全施設の平均である。
7. 資料180～209は2003～2010年出生児を出生年別に集計したものである。データは全施設の平均である。
8. 資料210～215は3歳時予後を出生体重別(100g毎)別に集計したもので、上段は絶対数で下段は百分率で表示したものである。データは全施設の平均である。なお、以下の予後データは、2003～2009年出生児で生存退院した22,274例を集計したものである。
9. 資料216～221は3歳時予後を在胎期間(1週毎)別に集計したもので、同様に、上段は絶対数で下段は百分率で表示したものである。データは全施設の平均である。
10. 資料222～227は1.5歳および3歳時の予後データで、2003～2009年出生児を出生年別に集計したものである。データは全施設の平均である。なお、左側が修正1.5歳時、右側が3歳時のデータである。

目 次

Maternal information	191
Pregnancy complication	191
Delivery status	192
Neonatal information	193
Respiratory disease	194
Circulatory problem	195
Neurological problem	196
Infection	196
Gastrointestinal problem	197
Hearing screening	197
Retinopathy of prematurity	197
Diagnosis	197
Summary	197
Condition at discharge	198
Number of infant admitted	199
Dead at discharge by birthweight	199
Mortality rate among hospitals	200
Standardized mortality rate among hospitals	200
SMR	200
Length of stay (dead at discharge)	200
Length of stay (alive at discharge)	201
Plurality	201
Diabetes	202
Pregnancy induced hypertension	202
Clinical CAM	203
Histologic CAM	203
Grade of histologic CAM	204
PROM	204
Maternal steroid	205
NRFS	205
Presentation	206
Mode of delivery	206
Cord blood transfusion	207
Gender	207
Neonatal transport	208
Maternal transport	208
Oxygen use at birth	209
Intubation at birth	209
Live birth	210
RDS	210
Air leak syndrome	211
Pulmonary hemorrhage	211
Use of HFO	212
CLD at 28 d	212
Glucocorticoid for CLD	213
CLD at 36 wk	213
PDA with symptom	214
Indomethacin for PDA	214
Surgical ligation for PDA	215
Late onset adrenal insufficiency	215
Seizure	216
Intraventricular hemorrhage	216
Post IVH hydrocephalus	217
PVL	217
HIE	218
Intrauterine infection	218
Sepsis	219
Use of antibiotics	219
Intravenous hyperalimentation	220
NEC	220
Idiopathic intestinal perforation	221
Hearing loss screening	221
Treatment for ROP	222
Congenital anomaly	222
Operation for congenital anomaly	223
Blood transfusion	223
Erythropoietin	224
Dead at discharge	224
Dead at discharge	225
Autopsy	225
Discharge home	226
HOT	226
Tracheostomy	227
Plurality By birthweight	227

Diabetes By birthweight	228
Pregnancy induced hypertension By birthweight	228
Clinical CAM By birthweight	229
Histologic CAM By birthweight	229
Grade of histologic CAM By birthweight	230
PROM By birthweight	230
Maternal steroid By birthweight	231
NRFS By birthweight	231
Presentation By birthweight	232
Mode of delivery By birthweight	232
Cord blood transfusion By birthweight	233
Gender By birthweight	233
Neonatal transport By birthweight	234
Maternal transport By birthweight	234
Oxygen use at birth By birthweight	235
Intubation at birth By birthweight	235
Live birth By birthweight	236
RDS By birthweight	236
Air leak syndrome By birthweight	237
Pulmonary hemorrhage By birthweight	237
PPHN By birthweight	238
Use of HFO By birthweight	238
CLD at 28 d By birthweight	239
Glucocorticoid for CLD By birthweight	239
CLD at 36 wk By birthweight	240
PDA with symptom By birthweight	240
Indomethacin for PDA By birthweight	241
Surgical ligation for PDA By birthweight	241
Late onset adrenal insufficiency By birthweight	242
Seizure By birthweight	242
Intraventricular hemorrhage By birthweight	243
Post IVH hydrocephalus By birthweight	243
PVL By birthweight	244
HIE By birthweight	244
Intrauterine infection By birthweight	245
Sepsis By birthweight	245
Use of antibiotics By birthweight	246
Intravenous hyperalimentation By birthweight	246
NEC By birthweight	247
Idiopathic intestinal perforation By birthweight	247
Hearing loss screening By birthweight	248
Treatment for ROP By birthweight	248
Congenital anomaly By birthweight	249
Operation for congenital anomaly By birthweight	249
Blood transfusion By birthweight	250
Erythropoietin By birthweight	250
Dead at discharge By birthweight	251
Dead at discharge By birthweight	251
Autopsy By birthweight	252
Discharge home By birthweight	252
HOT By birthweight	253
Tracheostomy By birthweight	253
Plurality By gestational age	254
Diabetes By gestational age	254
Pregnancy induced hypertension By gestational age	255
Clinical CAM By gestational age	255
Histologic CAM By gestational age	256
Grade of histologic CAM By gestational age	256
PROM By gestational age	257
Maternal steroid By gestational age	257
NRFS By gestational age	258
Presentation By gestational age	258
Mode of delivery By gestational age	259
Cord blood transfusion By gestational age	259
Gender By gestational age	260
Neonatal transport By gestational age	260
Maternal transport By gestational age	261
Oxygen use at birth By gestational age	261
Intubation at birth By gestational age	262
Live birth By gestational age	262
RDS By gestational age	263
Air leak syndrome By gestational age	263
Pulmonary hemorrhage By gestational age	264
PPHN By gestational age	264
Use of HFO By gestational age	265
CLD at 28 d By gestational age	265
Glucocorticoid for CLD By gestational age	266

CLD at 36 wk By gestational age	266
PDA with symptom By gestational age	267
Indomethacin for PDA By gestational age	267
Surgical ligation for PDA By gestational age	268
Late onset adrenal insufficiency By gestational age	268
Seizure By gestational age	269
Intraventricular hemorrhage By gestational age	269
Post IVH hydrocephalus By gestational age	270
PVL By gestational age	270
HIE By gestational age	271
Intrauterine infection By gestational age	271
Sepsis By gestational age	272
Use of antibiotics By gestational age	272
Intravenous hyperalimentation By gestational age	273
NEC By gestational age	273
Idiopathic intestinal perforation By gestational age	274
Hearing loss screening By gestational age	274
Treatment for ROP By gestational age	275
Congenital anomaly By gestational age	275
Operation for congenital anomaly By gestational age	276
Blood transfusion By gestational age	276
Erythropoietin By gestational age	277
Dead at discharge By gestational age	277
Dead at discharge By gestational age	278
Autopsy By gestational age	278
Discharge home By gestational age	279
HOT By gestational age	279
Tracheostomy By gestational age	280
Level of services	280
Organizer	280
Number of beds for neonate	280
Number of NICU	280
Number of MFICU	281
Number of neonatologist	281
Number of nurse	281
Psychologist	281
Pediatric surgeon	281
Pediatric cardiac surgeon	281
Pediatric neurosurgeon	281
Ophthalmologist	282
Follow up system	282
Maternal age	282
Gravida	282
Parity	282
Number of fetus	283
Birth order (among infants with number of fetus 2>)	283
Plurality (among infants with number of fetus 2>)	283
Diabetes	283
Pregnancy induced hypertension	283
Clinical CAM	283
Histologic CAM	284
Grade of histologic CAM (among infants with positive histologic CAM)	284
PROM	284
Maternal steroid	284
NRFS	284
Presentation	284
Mode of delivery	285
Cord blood transfusion	285
Age (day) at admission	285
Gender	285
Neonatal transport	285
Maternal transport (among infants with inborn)	285
Gestational age	286
Apgar (1 min)	286
Apgar (5 min)	286
Oxygen use at birth	286
Intubation at birth	286
Birth weight	286
Body length at birth	286
Head circumference at birth	286
Live birth	287
RDS (among infants with live birth and remained)	287
Air leak syndrome (among infants with live birth and remained)	287
Pulmonary hemorrhage (among infants with live birth and remained)	287
PPHN (among infants with live birth and remained)	287
Length of oxygen use (among infants with live birth and remained)	287
Length of CPAP (among infants with live birth and remained)	287

Length of mechanical ventilation (among infants with live birth and remained)	288
Use of HFO (among infants with live birth, remained and mechanical ventilation)	288
Dose of surfactant (among infants with live birth and remained)	288
Length of inhaled nitric oxide (among infants with live birth and remained)	288
CLD at 28 d (among infants with live birth, remained and alive at 28 days of age)	288
Type of CLD (among infants with CLD)	288
Glucocorticoid for CLD (among infants with CLD)	289
CLD at 36 wk (among infants with live birth, remained, alive at 36 wk (corrected age), and CLD)	289
Oxygen concentration at 36 wk (among infants with CLD at 36 wk)	289
PDA with symptom (among infants with live birth and remained)	289
Indomethacin for PDA (among infants with live birth and remained)	289
Surgical ligation for PDA (among infants with symptomatic PDA)	289
Late onset adrenal insufficiency (among infants with live birth, remained and alive at 7 d)	290
Seizure (among infants with live birth and remained)	290
Intraventricular hemorrhage (among infants with live birth and remained)	290
Grade of IVH (among infants with live birth, remained and IVH)	290
Post IVH hydrocephalus (among infants with live birth, remained and IVH)	290
PVL (among infants with live birth and remained)	290
HIE (among infants with live birth and remained)	291
Intrauterine infection (among infants with live birth and remained)	291
Sepsis (among infants with live birth and remained)	291
Early onset sepsis (among infants with live birth, remained and sepsis)	291
Use of antibiotics (among infants with live birth and remained)	291
Intravenous hyperalimentation (among infants with live birth and remained)	291
NEC (among infants with live birth and remained)	292
Idiopathic intestinal perforation (among infants with live birth and remained)	292
Hearing loss screening (among infants with live birth and remained)	292
ROP (worst stage) (among infants with live birth and remained)	292
Treatment for ROP (among infants with live birth and remained)	292
Congenital anomaly	292
Operation for congenital anomaly (among infants with live birth, remained and congenital anomaly)	293
Age at enteral feeding exceed 100ml/kg (among infants with live birth and remained)	293
Blood transfusion (among infants with live birth and remained)	293
Erythropoietin (among infants with live birth and remained)	293
Age at discharge (among infants with live birth and remained)	293
Dead at discharge (among infants with live birth and remained)	293
Dead at discharge (among infants with live birth)	294
Autopsy (among infants with live birth, remained and dead at discharge)	294
Discharge home (among infants with live birth, remained and alive at discharge)	294
Disposition (among infants with live birth, remained, alive at discharge, and transferred)	294
HOT (among infants with live birth, remained and alive at discharge)	294
Tracheostomy (among infants with live birth and alive at discharge)	294
Body weight at discharge (among infants with alive at discharge)	295
Body length at discharge (among infants with alive at discharge)	295
Head circumference at discharge (among infants with alive at discharge)	295
3歳時の健診の受診 (出生体重別)	295
退院後死亡 (出生体重別)	296
受診不可の理由 (出生体重別)	296
酸素使用 (出生体重別)	297
視力障害 (出生体重別)	297
脳性まひ (出生体重別)	298
3歳時の健診の受診 (在胎週数別)	298
退院後死亡 (在胎週数別)	299
受診不可の理由 (在胎週数別)	299
酸素使用 (在胎週数別)	300
視力障害 (在胎週数別)	300
脳性まひ (在胎週数別)	301
修正1.5歳時の健診の受診	301
3歳時の健診の受診	301
退院後死亡	301
受診不可の理由	301
健診時年齢	302
健診時修正年齢	302
体重	302
身長	302
頭囲	302
胸囲	302
腹囲	302
酸素使用	303
視力障害	303
脳性まひ	303
DQ測定	303
DQ測定無しの理由	303
DQ (歴年齢)	303
DQ (修正年齢)	303
DQ測定方法	304

索 引

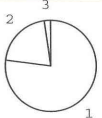


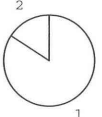
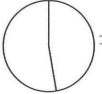
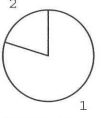

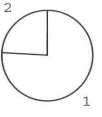
3歳時の健診の受診	301
3歳時の健診の受診(在胎週数別)	298
3歳時の健診の受診(出生体重別)	295
Age at discharge (among infants with live birth and remained)	293
Age at enteral feeding exceed 100ml/kg (among infants with live birth and remained)	293
Age (day) at admission	285
Air leak syndrome	211
Air leak syndrome (among infants with live birth and remained)	287
Air leak syndrome By birthweight	237
Air leak syndrome By gestational age	263
Apgar (1 min)	286
Apgar (5min)	286
Autopsy	225
Autopsy (among infants with live birth, remained and dead at discharge)	294
Autopsy By birthweight	252
Autopsy By gestational age	278
Birth weight	286
Birth order (among infants with number of fetus 2>)	283
Blood transfusion	223
Blood transfusion (among infants with live birth and remained)	293
Blood transfusion By birthweight	250
Blood transfusion By gestational age	276
Body length at birth	286
Body length at discharge (among infants with alive at discharge)	295
Body weight at discharge (among infants with alive at discharge)	295
Circulatory problem	195
CLD at 28 d	212
CLD at 28 d (among infants with live birth, remained and alive at 28 days of age)	288
CLD at 28 d By birthweight	239
CLD at 28 d By gestational age	265
CLD at 36 wk	213
CLD at 36 wk (among infants with live birth, remained, alive at 36 wk (corrected age), and CLD)	289
CLD at 36 wk By birthweight	240
CLD at 36 wk By gestational age	266
Clinical CAM	203
Clinical CAM	283
Clinical CAM By birthweight	229
Clinical CAM By gestational age	255
Condition at discharge	198
Congenital anomaly	222
Congenital anomaly	292
Congenital anomaly By birthweight	249
Congenital anomaly By gestational age	275
Cord blood transfusion	207
Cord blood transfusion	285
Cord blood transfusion By birthweight	233
Cord blood transfusion By gestational age	259
Dead at discharge	224
Dead at discharge	225
Dead at discharge (among infants with live birth and remained)	293
Dead at discharge (among infants with live birth)	294
Dead at discharge by birthweight	199
Dead at discharge By birthweight	251
Dead at discharge By birthweight	251
Dead at discharge By gestational age	277
Dead at discharge By gestational age	278
Delivery status	192
Diabetes	202
Diabetes	283
Diabetes By birthweight	228
Diabetes By gestational age	254
Diagnosis	197
Discharge home	226
Discharge home (among infants with live birth, remained and alive at discharge)	294
Discharge home By birthweight	252
Discharge home By gestational age	279
Disposition (among infants with live birth, remained, alive at discharge, and transferred)	294
Dose of surfactant (among infants with live birth and remained)	288
DQ (修正年齢)	303
DQ (歴年齢)	303
DQ測定	303
DQ測定方法	304
DQ測定無しの理由	303
Early onset sepsis (among infants with live birth, remained and sepsis)	291

Erythropoietin	224
Erythropoietin (among infants with live birth and remained)	293
Erythropoietin By birthweight	250
Erythropoietin By gestational age	277
Follow up system	282
Gastrointestinal problem	197
Gender	207
Gender	285
Gender By birthweight	233
Gender By gestational age	260
Gestational age	286
Glucocorticoid for CLD	213
Glucocorticoid for CLD (among infants with CLD)	289
Glucocorticoid for CLD By birthweight	239
Glucocorticoid for CLD By gestational age	266
Grade of histologic CAM	204
Grade of histologic CAM (among infants with positive histologic CAM)	284
Grade of histologic CAM By birthweight	230
Grade of histologic CAM By gestational age	256
Grade of IVH (among infants with live birth, remained and IVH)	290
Gravida	282
Head circumference at birth	286
Head circumference at discharge (among infants with alive at discharge)	295
Hearing loss screening	221
Hearing loss screening (among infants with live birth and remained)	292
Hearing loss screening By birthweight	248
Hearing loss screening By gestational age	274
Hearing screening	197
HIE	218
HIE (among infants with live birth and remained)	291
HIE By birthweight	244
HIE By gestational age	271
Histologic CAM	203
Histologic CAM	284
Histologic CAM By birthweight	229
Histologic CAM By gestational age	256
HOT	226
HOT (among infants with live birth, remained and alive at discharge)	294
HOT By birthweight	253
HOT By gestational age	279
Idiopathic intestinal perforation	221
Idiopathic intestinal perforation (among infants with live birth and remained)	292
Idiopathic intestinal perforation By birthweight	247
Idiopathic intestinal perforation By gestational age	274
Indomethacin for PDA	214
Indomethacin for PDA (among infants with live birth and remained)	289
Indomethacin for PDA By birthweight	241
Indomethacin for PDA By gestational age	267
Infection	196
Intrauterine infection	218
Intrauterine infection (among infants with live birth and remained)	291
Intrauterine infection By birthweight	245
Intrauterine infection By gestational age	271
Intravenous hyperalimentation	220
Intravenous hyperalimentation (among infants with live birth and remained)	291
Intravenous hyperalimentation By birthweight	246
Intravenous hyperalimentation By gestational age	273
Intraventricular hemorrhage	216
Intraventricular hemorrhage (among infants with live birth and remained)	290
Intraventricular hemorrhage By birthweight	243
Intraventricular hemorrhage By gestational age	269
Intubation at birth	209
Intubation at birth	286
Intubation at birth By birthweight	235
Intubation at birth By gestational age	262
Late onset adrenal insufficiency	215
Late onset adrenal insufficiency (among infants with live birth, remained and alive at 7 d)	290
Late onset adrenal insufficiency By birthweight	242
Late onset adrenal insufficiency By gestational age	268
Length of CPAP (among infants with live birth and remained)	287
Length of inhaled nitric oxide (among infants with live birth and remained)	288
Length of mechanical ventilation (among infants with live birth and remained)	288
Length of oxygen use (among infants with live birth and remained)	287
Length of stay (alive at discharge)	201
Length of stay (dead at discharge)	200
Level of services	280
Live birth	210

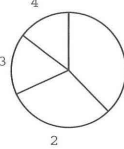
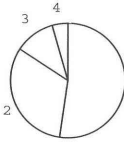
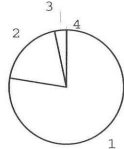
Live birth	287
Live birth By birthweight	236
Live birth By gestational age	262
Maternal age	282
Maternal information	191
Maternal steroid	205
Maternal steroid	284
Maternal steroid By birthweight	231
Maternal steroid By gestational age	257
Maternal transport	208
Maternal transport (among infants with inborn)	285
Maternal transport By birthweight	234
Maternal transport By gestational age	261
Mode of delivery	206
Mode of delivery	285
Mode of delivery By birthweight	232
Mode of delivery By gestational age	259
Mortality rate among hospitals	200
NEC	220
NEC (among infants with live birth and remained)	292
NEC By birthweight	247
NEC By gestational age	273
Neonatal information	193
Neonatal transport	208
Neonatal transport	285
Neonatal transport By birthweight	234
Neonatal transport By gestational age	260
Neurological problem	196
NRFS	205
NRFS	284
NRFS By birthweight	231
NRFS By gestational age	258
Number of beds for neonate	280
Number of fetus	283
Number of infant admitted	199
Number of MFICU	281
Number of neonatologist	281
Number of NICU	280
Number of nurse	281
Operation for congenital anomaly	223
Operation for congenital anomaly (among infants with live birth, remained and congenital anomaly)	293
Operation for congenital anomaly By birthweight	249
Operation for congenital anomaly By gestational age	276
Ophthalmologist	282
Organizer	280
Oxygen concentration at 36 wk (among infants with CLD at 36 wk)	289
Oxygen use at birth	209
Oxygen use at birth	286
Oxygen use at birth By birthweight	235
Oxygen use at birth By gestational age	261
Parity	282
PDA with symptom	214
PDA with symptom (among infants with live birth and remained)	289
PDA with symptom By birthweight	240
PDA with symptom By gestational age	267
Pediatric cardiac surgeon	281
Pediatric neurosurgeon	281
Pediatric surgeon	281
Plurality	201
Plurality (among infants with number of fetus 2>)	283
Plurality By birthweight	227
Plurality By gestational age	254
Post IVH hydrocephalus	217
Post IVH hydrocephalus (among infants with live birth, remained and IVH)	290
Post IVH hydrocephalus By birthweight	243
Post IVH hydrocephalus By gestational age	270
PPHN (among infants with live birth and remained)	287
PPHN By birthweight	238
PPHN By gestational age	264
Pregnancy complication	191
Pregnancy induced hypertension	202
Pregnancy induced hypertension	283
Pregnancy induced hypertension By birthweight	228
Pregnancy induced hypertension By gestational age	255
Presentation	206
Presentation	284
Presentation By birthweight	232

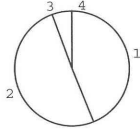
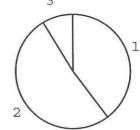
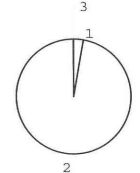
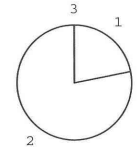
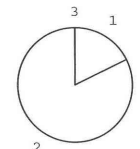
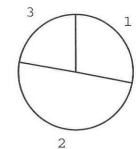
Presentation By gestational age	258
PROM	204
PROM	284
PROM By birthweight	230
PROM By gestational age	257
Psychologist	281
Pulmonary hemorrhage	211
Pulmonary hemorrhage (among infants with live birth and remained)	287
Pulmonary hemorrhage By birthweight	237
Pulmonary hemorrhage By gestational age	264
PVL	217
PVL (among infants with live birth and remained)	290
PVL By birthweight	244
PVL By gestational age	270
RDS	210
RDS (among infants with live birth and remained)	287
RDS By birthweight	236
RDS By gestational age	263
Respiratory disease	194
Retinopathy of prematurity	197
ROP (worst stage) (among infants with live birth and remained)	292
Seizure	216
Seizure (among infants with live birth and remained)	290
Seizure By birthweight	242
Seizure By gestational age	269
Sepsis	219
Sepsis (among infants with live birth and remained)	291
Sepsis By birthweight	245
Sepsis By gestational age	272
SMR	200
Standardized mortality rate among hospitals	200
Summary	197
Surgical ligation for PDA	215
Surgical ligation for PDA (among infants with symptomatic PDA)	289
Surgical ligation for PDA By birthweight	241
Surgical ligation for PDA By gestational age	268
Tracheostomy	227
Tracheostomy (among infants with live birth and alive at discharge)	294
Tracheostomy By birthweight	253
Tracheostomy By gestational age	280
Treatment for ROP	222
Treatment for ROP (among infants with live birth and remained)	292
Treatment for ROP By birthweight	248
Treatment for ROP By gestational age	275
Type of CLD (among infants with CLD)	288
Use of antibiotics	219
Use of antibiotics (among infants with live birth and remained)	291
Use of antibiotics By birthweight	246
Use of antibiotics By gestational age	272
Use of HFO	212
Use of HFO (among infants with live birth, remained and mechanical ventilation)	288
Use of HFO By birthweight	238
Use of HFO By gestational age	265
胸囲	302
健診時修正年齢	302
健診時年齢	302
酸素使用	303
酸素使用 (在胎週数別)	300
酸素使用 (出生体重別)	297
視力障害	303
視力障害 (在胎週数別)	300
視力障害 (出生体重別)	297
受診不可の理由	301
受診不可の理由 (在胎週数別)	299
受診不可の理由 (出生体重別)	296
修正1.5歳時の健診の受診	301
身長	302
体重	302
退院後死亡	301
退院後死亡 (在胎週数別)	299
退院後死亡 (出生体重別)	296
頭囲	302
脳性まひ	303
脳性まひ (在胎週数別)	301
脳性まひ (出生体重別)	298
腹囲	302

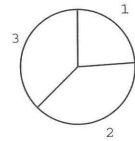
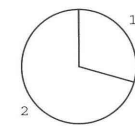
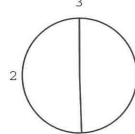
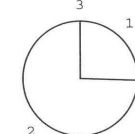
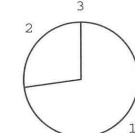
Analysis results on infants born in 2010

No.	Resources of participating hospitals	Average of all hospitals	n
1010	Level of services	 <p>1:Level III 77% 2:Level II 21% 3:others 2%</p>	95
1011	Organizer	 <p>1:national 9% 2:independent agency 18% 3:local government 35% 4:private 28% 5:others 9%</p>	95
1012	Number of beds for neonate	29.7±11.9	95
1013	Number of NICU	11.7±5.1	95
1014	Number of MFICU	5.8±3.9	90
1015	Number of neonatologist	6.3±2.6	95
1016	Number of nurse	43.2±16.3	95
1017	Psychologist	 <p>1:Yes 60% 2:No 40%</p>	93
1101	Pediatric surgeon	 <p>1:Yes 84% 2:No 16%</p>	94
1102	Pediatric cardiac surgeon	 <p>1:Yes 47% 2:No 53%</p>	93
1103	Pediatric neurosurgeon	 <p>1:Yes 80% 2:No 20%</p>	94
1104	Ophthalmologist	 <p>1:Yes 98% 2:No 2%</p>	93
1105	Follow up system	 <p>1:Yes 76% 2:No 24%</p>	87

Analysis results on infants born in 2010

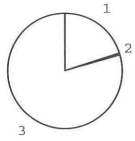
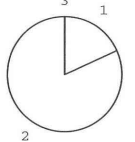
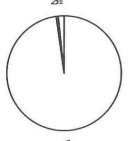
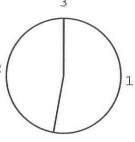
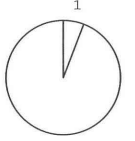
No.	Resources of participating hospitals	All hospitals	n
A			
Maternal information			
301	Maternal age (median)	32.0	3618
	lower quartile	28.0	
	upper quartile	36.0	
302	Gravida	 <p>1:0 38% 2:1 30% 3:2 17% 4:3> 15%</p>	3618
		 <p>1:0 52% 2:1 32% 3:2 12% 4:3> 4%</p>	3633
304	Maternal Comorbidity	O410 130Number O459 111Number O430 71Number O441 71Number O343 62Number	959
B			
Pregnancy complication			
401	Number of fetus	 <p>1:1 77% 2:2 19% 3:3 3% 4:4> 0%</p>	3689

Analysis results on infants born in 2010		I-2/16									
No.	Resources of participating hospitals	All hospitals	n								
402	Birth order (among infants with number of fetus 2>)	 <table border="0"> <tr><td>1:1</td><td>44%</td></tr> <tr><td>2:2</td><td>51%</td></tr> <tr><td>3:3</td><td>5%</td></tr> <tr><td>4:4></td><td>0%</td></tr> </table>	1:1	44%	2:2	51%	3:3	5%	4:4>	0%	833
1:1	44%										
2:2	51%										
3:3	5%										
4:4>	0%										
403	Plurality (among infants with number of fetus 2>)	 <table border="0"> <tr><td>1:monochorionic</td><td>40%</td></tr> <tr><td>2:multiple chorionic</td><td>52%</td></tr> <tr><td>3:not available</td><td>9%</td></tr> </table>	1:monochorionic	40%	2:multiple chorionic	52%	3:not available	9%	833		
1:monochorionic	40%										
2:multiple chorionic	52%										
3:not available	9%										
404	Diabetes	 <table border="0"> <tr><td>1:Yes</td><td>3%</td></tr> <tr><td>2:No</td><td>97%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	3%	2:No	97%	3:not available	0%	3689		
1:Yes	3%										
2:No	97%										
3:not available	0%										
405	Pregnancy induced hypertension	 <table border="0"> <tr><td>1:Yes</td><td>22%</td></tr> <tr><td>2:No</td><td>78%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	22%	2:No	78%	3:not available	0%	3689		
1:Yes	22%										
2:No	78%										
3:not available	0%										
406	Clinical CAM	 <table border="0"> <tr><td>1:Yes</td><td>18%</td></tr> <tr><td>2:No</td><td>82%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	18%	2:No	82%	3:not available	0%	3689		
1:Yes	18%										
2:No	82%										
3:not available	0%										
407	Histologic CAM	 <table border="0"> <tr><td>1:Yes</td><td>28%</td></tr> <tr><td>2:No</td><td>50%</td></tr> <tr><td>3:not available</td><td>22%</td></tr> </table>	1:Yes	28%	2:No	50%	3:not available	22%	3689		
1:Yes	28%										
2:No	50%										
3:not available	22%										

Analysis results on infants born in 2010		I-3/16							
No.	Resources of participating hospitals	All hospitals	n						
408	Grade of histologic CAM (among infants with positive histologic CAM)	 <table border="0"> <tr><td>1:I</td><td>24%</td></tr> <tr><td>2:II</td><td>38%</td></tr> <tr><td>3:III</td><td>38%</td></tr> </table>	1:I	24%	2:II	38%	3:III	38%	1000
1:I	24%								
2:II	38%								
3:III	38%								
C Delivery status									
501	PROM	 <table border="0"> <tr><td>1:Yes</td><td>29%</td></tr> <tr><td>2:No</td><td>71%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	29%	2:No	71%	3:not available	0%	3689
1:Yes	29%								
2:No	71%								
3:not available	0%								
502	Maternal steroid	 <table border="0"> <tr><td>1:Yes</td><td>49%</td></tr> <tr><td>2:No</td><td>51%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	49%	2:No	51%	3:not available	0%	3689
1:Yes	49%								
2:No	51%								
3:not available	0%								
503	NRFS	 <table border="0"> <tr><td>1:Yes</td><td>26%</td></tr> <tr><td>2:No</td><td>74%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Yes	26%	2:No	74%	3:not available	0%	3689
1:Yes	26%								
2:No	74%								
3:not available	0%								
504	Presentation	 <table border="0"> <tr><td>1:Head</td><td>73%</td></tr> <tr><td>2:other than head</td><td>27%</td></tr> <tr><td>3:not available</td><td>0%</td></tr> </table>	1:Head	73%	2:other than head	27%	3:not available	0%	3689
1:Head	73%								
2:other than head	27%								
3:not available	0%								

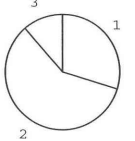
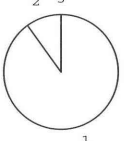
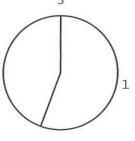
Analysis results on infants born in 2010

I-4/16

No.	Resources of participating hospitals	All hospitals	n
505	Mode of delivery	 <p>1:Vaginal 20% 2:Vaginal with manipulation 1% 3:C/S 79%</p>	3689
510	Cord blood transfusion	 <p>1:Yes 18% 2:No 82% 3:not available 0%</p>	3689
D Neonatal information			
602	Age(day) at admission	 <p>1:0 98% 2:1 1% 3:2 0% 4:>3 2%</p>	3689
603	Gender	 <p>1:Male 53% 2:Female 47% 3:not available 0%</p>	3689
604	Neonatal transport	 <p>1:Yes 6% 2:No 94%</p>	3689

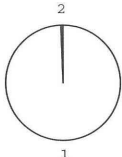
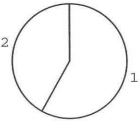
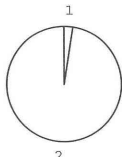
Analysis results on infants born in 2010

I-5/16

No.	Resources of participating hospitals	All hospitals	n
605	Maternal transport (among infants with inborn)	 <p>1:Elective 30% 2:Emergency 59% 3:Booked 11%</p>	3475
606	Gestational age (mean)	28.9	3687
	SD	3.2	
	95% confidence interval	28.8-29.0	
608	Apgar(1min) (median)	6.0	3665
	lower quartile	4.0	
	upper quartile	8.0	
609	Apgar(5min) (median)	8.0	3657
	lower quartile	6.0	
	upper quartile	9.0	
610	Oxygen use at birth	 <p>1:Yes 90% 2:No 10% 3:not available 0%</p>	3689
611	Intubation at birth	 <p>1:Yes 56% 2:No 44% 3:not available 0%</p>	3689

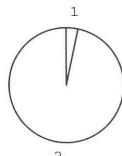
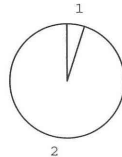
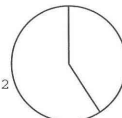
Analysis results on infants born in 2010

I-6/16

No.	Resources of participating hospitals	All hospitals	n
612	Birht weight (mean)	1030.7	3689
	SD	306.3	
	95% confidence interval	1020.8-1040.6	
613	Body length at birth (mean)	35.2	3500
	SD	4.1	
	95% confidence interval	35.1-35.3	
614	Head circumference at birth (mean)	25.7	3447
	SD	2.8	
	95% confidence interval	25.6-25.7	
615	Live birth	 1: Yes 99% 2: No 1%	3689
E Respiratory disease			
701	RDS (among infants with live birth and remained)	 1: Yes 58% 2: No 42%	3591
702	Air leak syndrome (among infants with live birth and remained)	 1: Yes 3% 2: No 97%	3591

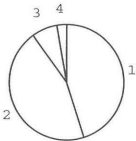
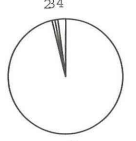
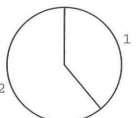
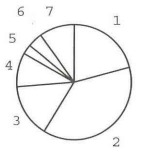
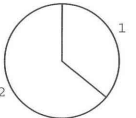
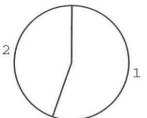
Analysis results on infants born in 2010

I-7/16

No.	Resources of participating hospitals	All hospitals	n
703	Pulmonary hemorrhage (among infants with live birth and remained)	 1: Yes 3% 2: No 97%	3591
705	PPHN (among infants with live birth and remained)	 1: Yes 5% 2: No 95%	3591
706	Length of oxygen use (median) (among infants with live birth and remained)	27.0	3310
	lower quartile	4.0	
	upper quartile	58.8	
707	Length of CPAP (median) (among infants with live birth and remained)	8.0	3591
	lower quartile	0.0	
	upper quartile	29.0	
708	Length of mechanical ventilation (median) (among infants with live birth and remained)	6.0	3494
	lower quartile	0.0	
	upper quartile	31.0	
709	Use of HFO (among infants with live birth, remained and mechanical ventilation)	 1: Yes 41% 2: No 59%	2535

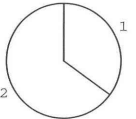
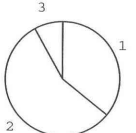
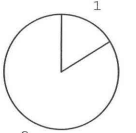
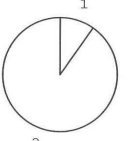
Analysis results on infants born in 2010

I-8/16

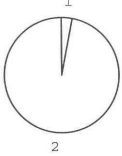
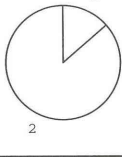
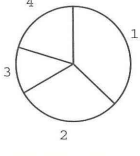
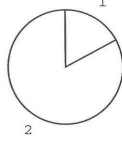
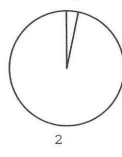
No.	Resources of participating hospitals	All hospitals	n
710	Dose of surfactant (among infants with live birth and remained)	 <p>1:0 45% 2:1 45% 3:2 7% 4:3> 3%</p>	3591
711	Length of inhaled nitric oxide (among infants with live birth and remained)	 <p>1:0 96% 2:1 1% 3:2 1% 4:3> 2%</p>	3591
712	CLD at 28 d (among infants with live birth, remained and alive at 28 days of age)	 <p>1:Yes 39% 2:No 61%</p>	3279
713	Type of CLD (among infants with CLD)	 <p>1:I 21% 2:II 38% 3:III 15% 4:III' 9% 5:IV 3% 6:V 4% 7:VI 10%</p>	1273
714	Glucocorticoid for CLD (among infants with CLD)	 <p>1:Yes 36% 2:No 64%</p>	1273
715	CLD at 36 wk (among infants with live birth, remained, alive at 36 wk(corrected age), and CLD)	 <p>1:Yes 55% 2:No 45%</p>	1273

Analysis results on infants born in 2010

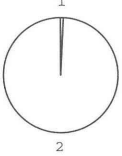
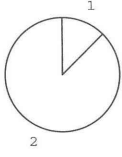
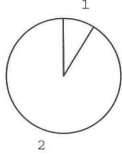
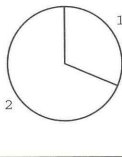
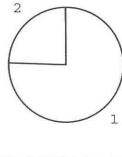
I-9/16

No.	Resources of participating hospitals	All hospitals	n
716	Oxygen concentration at 36 wk (median) (among infants with CLD at 36 wk)	25.0	712
	lower quartile	23.0	
	upper quartile	26.0	
F Circulatory problem			
801	PDA with symptom (among infants with live birth and remained)	 <p>1:Yes 35% 2:No 65%</p>	3591
802	Indomethacin for PDA (among infants with live birth and remained)	 <p>1:Yes 36% 2:No 56% 3:prophylactic 8%</p>	3591
803	Surgical ligation for PDA (among infants with symptomatic PDA)	 <p>1:Yes 16% 2:No 84%</p>	1258
851	Late onset adrenal insufficiency (among infants with live birth, remained and alive at 7 d)	 <p>1:Yes 10% 2:No 90%</p>	3452

Analysis results on infants born in 2010 I-10/16

No.	Resources of participating hospitals	All hospitals	n
G Neurological problem			
901	Seizure (among infants with live birth and remained)	 <p>1: Yes 3% 2: No 97%</p>	3591
902	Intraventricular hemorrhage (among infants with live birth and remained)	 <p>1: Yes 14% 2: No 86%</p>	3591
903	Grade of IVH (among infants with live birth, remained and IVH)	 <p>1: I 37% 2: II 30% 3: III 13% 4: IV 20%</p>	484
904	Post IVH hydrocephalus (among infants with live birth, remained and IVH)	 <p>1: Yes 17% 2: No 83%</p>	489
905	PVL (among infants with live birth and remained)	 <p>1: Yes 3% 2: No 97%</p>	3591

Analysis results on infants born in 2010 I-11/16

No.	Resources of participating hospitals	All hospitals	n
H Infection			
906	HIE (among infants with live birth and remained)	 <p>1: Yes 1% 2: No 99%</p>	3591
1001	Intrauterine infection (among infants with live birth and remained)	 <p>1: Yes 12% 2: No 88%</p>	3591
1002	Sepsis (among infants with live birth and remained)	 <p>1: Yes 9% 2: No 91%</p>	3591
1004	Early onset sepsis (among infants with live birth, remained and sepsis)	 <p>1: Yes 31% 2: No 69%</p>	318
1010	Use of antibiotics (among infants with live birth and remained)	 <p>1: Yes 76% 2: No 24%</p>	3591