

IV.研究成果の刊行物・別刷

【学会発表】

1. Reinhold Haux, Antoine Geissbuhler, Michio Kimura, Casimir Kulikowski, Anne Moen, Lincoln A Mora Jr, Hyeoun-Ae Park:
Are We Doing the Right Research in Biomedical and Health Informatics and Are We Doing it Right?, Panel Session, MEDINFO15, Sao Paulo, Brazil, August 20, 2015.

Promotion:

Organization:

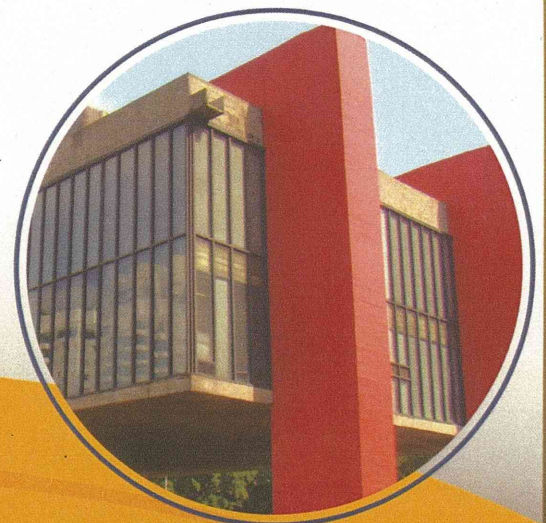
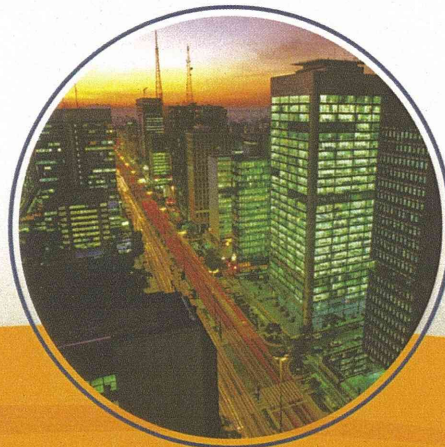
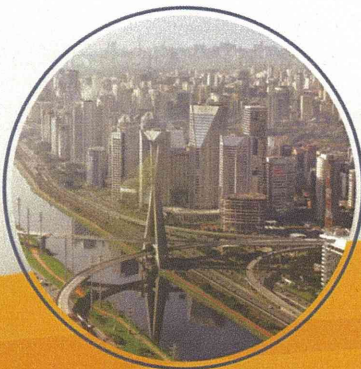


MEDINFO'15

19-23 August 2015, São Paulo, Brazil

eHealth-enabled Health

15th World Congress on Health
and Biomedical Informatics



PROGRAM

Detailed Program

DAY

3

AUG

21

Fri

Time	Room	ID	Session, Title & Authors/Presenters
11:30 - 13:00	Room 4	DEM#08	Demonstrations on Knowledge Management - I RxMix: A Simple Interface for Building Complex Applications from Drug APIs Olivier Bodenreider, Lee Peters, Thang Nguyen
11:30 - 13:00	Main Auditorium	PNL#01	Panel on Information Processing In Clinical Research and Trials - I Are We Doing the Right Research in Biomedical and Health Informatics and Are We Doing it Right? Reinhold Haux, Antoine Geissbuhler, Michio Kimura, Casimir Kulikowski, Anne Moen, Lincoln A Moura Jr, Hyeoun-Ae Park
11:30 - 13:00	Room 2	PNL#13	Panel on Mobile Technology (M-Health), Apps and Sensors E-Health's Global Reach in the Quest for Increased Quality of Care: New Developments, Key Considerations, and Consumer Health Informatics Carolyn Petersen, Damian Borbolla, Paul DeMuro, Luis Fernandez Luque
11:30 - 13:00	Room 3	PNL#11	Panel on Molecular Data Processing Toward precision medicine: extending the biomedical informatics community tent Guillermo Lopez-Campos, Jessie Tenenbaum, Amnon Shabo (Shvo), Lewis Frey
11:30 - 13:00	Room 12	PPR#35	Paper Session: Education and Training of Health Professionals and Specialists 11:30 - A Pilot Study of Computer-Based Simulation Training for Enhancing Family Medicine Residents' Competence in Computerized Settings Aviv Shachak, Sharon Domb, Elizabeth Borycki, Nancy Fong, Alison Skyrme, Andre Kushniruk, Shmuel Reis, Amitai Ziv 11:48 - Trust, Perceived Risk, Perceived Ease of Use and Perceived Usefulness as Factors Related to mHealth Technology Use Rebecca Schnall, Tracy Higgins, William Brown, Alex Carballo-Dieguez, Suzanne Bakken 12:06 - On the Development of a Hospital-Patient Web-Based Communication Tool: A Case Study From Norway Conceição Granja, Kari Dyb, Stein Roald Bolle, Gunnar Hartvigsen 12:24 - The use of applications in Distance Education Specialization Course as a support tool for students living in remote areas without internet Ana Emília Figueiredo de Oliveira, Romulo França, Eurides Castro Júnior, Deborah de Castro e Lima Baesse, Mariana de Figueiredo Lopes e Maia, Elza Ferreira 12:42 - Driving the Profession of Health Informatics: The Australasian College of Health Informatics Christopher Pearce, Klaus Veil, Peter Williams, Andrew Cording, Siaw-Teng Liaw, Heather Grain
11:30 - 13:00	Room 11	PPR#15	Paper Session: Electronic Health Records - I 11:30 - An Information Paradigm Shift is Required to realise EHR benefits Evelyn Hovenga, Heather Grain 11:48 - Identification of Patient Safety Risks Associated with Electronic Health Records: A Software Quality Perspective Luiz Ap Virginio Jr, Ivan L. M. Ricarte

2. Kimura M.:

The Use of EHRs Support research in Japan,
2015 CDISC International Interchange,
Chicago, USA, November 11, 2015



2015 CDISC International Interchange



"Smarter Research to Unlock Cures"

09-13 November 2015
Fairmount Chicago Millennium Park
Chicago, Illinois

Wednesday 11 Nov 2015 Interchange Conference		
07:30 – 17:00	➤ Conference Registration	
08:00 – 16:00	➤ Exhibits Open	
08:30 – 10:00	Session 7 Second Opening Plenary Session Chair: <i>Dr. Rebecca Kush, CDISC President & CEO</i>	✚ Keynote Address – Dr. Rob Califf, FDA Deputy Commissioner ✚ Panelists: <ul style="list-style-type: none"> ▪ <i>Dr. David Hardison, ConvergeHEALTH by Deloitte, CDISC Board Chair-Elect</i> ▪ <i>Dr. Doug Peddicord, ACRO, CDISC Board</i> ▪ <i>Dr. Lynn Hudson, Critical Path Institute</i>
10:00 – 10:30	BREAK	
10:30 – 12:30	Session 8 Smarter Research with eSource and Standards Session Chair: <i>Dr. Michael Ibara, CDISC Head of Digital Healthcare</i>	✚ Proof of Concept Retrieve Form Data Capture from Epic to REDCap – <i>Amy Nordo, Duke University</i> ✚ Integrating Research and Care with eSource Checklist – <i>Sue Dubman, University of California San Francisco</i> ✚ Trial Development of Clinical Research Data Using CDISC ODM – <i>Yoshiteru Chiba, UMIN Center, University of Tokyo</i> ✚ TransFoRm and ODM Extension for Hand-Helds – <i>Dr. Brendan Delaney, King’s College London</i> ✚ The Use of EHRs to Support Research in Japan – <i>Dr. Michio Kimura, Hamamatsu University</i> ✚ UCB’s Pilot Study Using EHRs – Trisha Simpson, UCB ✚ Panelists: <ul style="list-style-type: none"> ▪ <i>Dr. Rob Califf, FDA Deputy Commissioner</i> ▪ <i>Dr. Stephen Wilson, FDA</i> ▪ <i>Joyce Sensmeier, IHE, CDISC Board</i> ▪ <i>John Speakman, New York University, CDISC Board</i> ▪ <i>Samuel Volchenboun, University of Chicago</i>
12:30 – 14:00	LUNCH	
12:30 – 14:00	EXHIBITS	

Getting data out of HIS in a standardized way

- Healthcare Link in Japan

Michio Kimura, MD, PhD, FACMI
Hamamatsu University, School of Medicine
HL7 Japan chair
IHE Int'l board
JAMI past President

Michio Kimura MD PhD FACMI Hamamatsu University School of Medicine

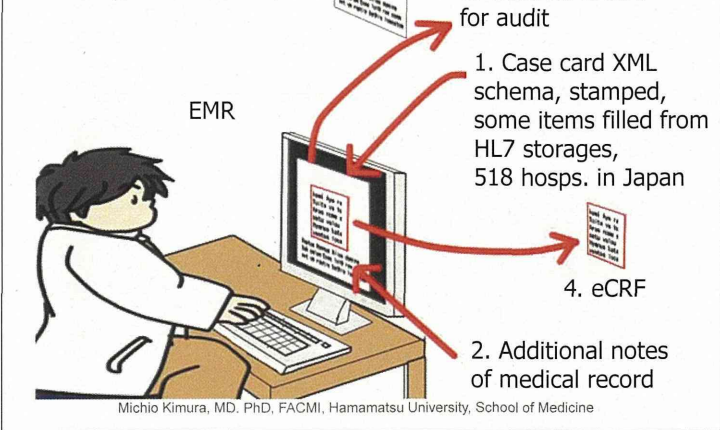
1

HealthLink interoperability IHE RFD demo

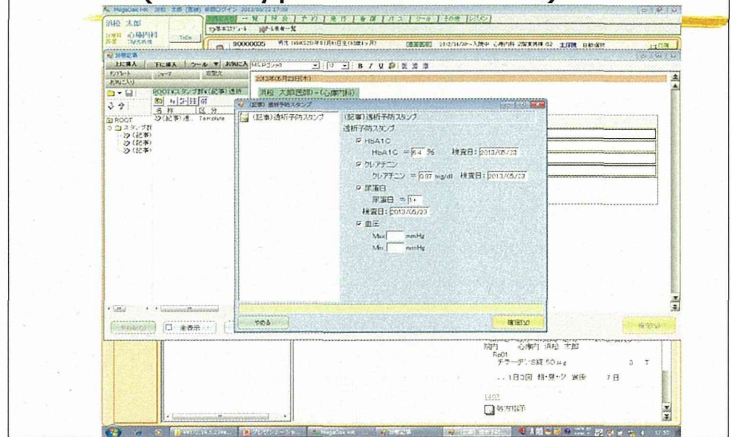
at HL7 Working Group Meeting
10-15 May, 2009, Kyoto Japan



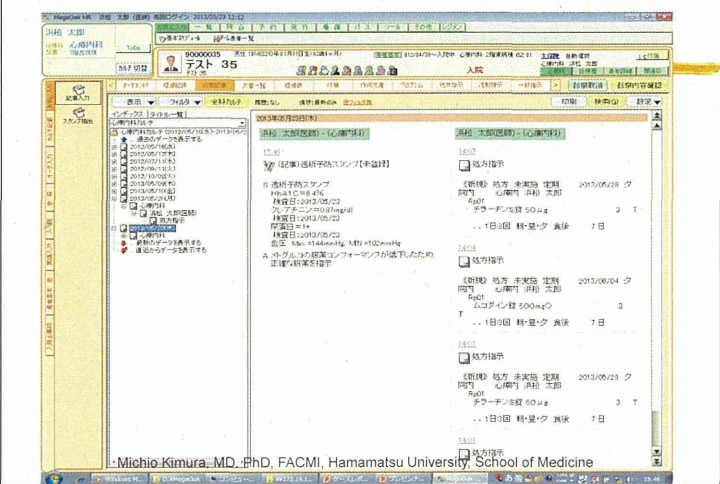
How to save doctors from duplication input



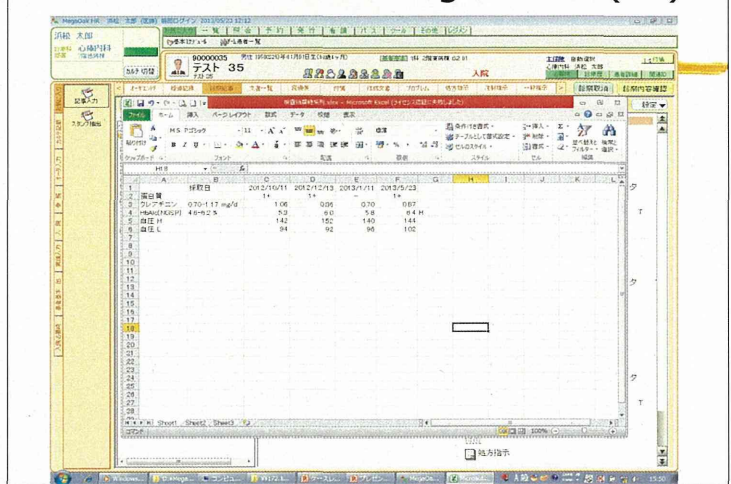
Diabetes case card schema on EMR (data type is controlled)



Schema contents are archived as EMR



And schema contents go to DB (xls)



3. 木村 通男:

医療情報電子化を基盤とした Retrospective Study から Prospective Study へのトランスレーション, 第 36 回日本臨床薬理学会学術総会
日本医療情報学会共催シンポジウム,
12 月 11 日, 2015. 東京都

第36回 日本臨床薬理学会学術総会

演題: 医療情報基盤SS-MIX(厚労省標準化ストレージ)の概要と現状

所属: 浜松医科大学医学部 医療情報部
発表者: 木村通男

本演題発表に関連して、過去1年間に(株)日本電気より所属講座に対して共同研究費を受けています。

医療情報基盤SS-MIX(厚労省標準化ストレージ)の概要と現状

日本医療情報学会前会長
浜松医科大学医療情報部
木村通男

Michio Kimura, MD, PhD, FACMI, Hamamatsu University, School of Medicine

病院情報システムが持つデータ(上ほど入手しやすい)

- ✂ 画像 (DICOM規格)
- ✂ 患者基本、処方、検体検査結果 (HL7規格)
- ✂ 病名(但しどれが主病かわからない) (HL7)
- ✂ ここまで、SS-MIXで全国518の病院で対応可
- ✂ 各種報告書、計画書(人に読んでもらうための書類) (HL7の文書規格CDA)
- ✂ 所見、計画など(プログレスノート) (規格なし)(そもそも読んでいる時間があるか?)

Michio Kimura, MD, PhD, FACMI, Hamamatsu University, School of Medicine

静岡県版電子カルテシステム経緯



- 2004/1 土居理事から打診
- 病院情報システム(医事系、オーダ系)は各病院で購入するが、その先の上記ソフトウェアは無償配布。
- ペーパーレス電子カルテは必須とせず、紹介状の電子化、患者への情報提供、定型文書作成支援、臨床情報データベースを主眼とする
- 2年にわたり、8回の検討委員会、4回の説明会、6回の個別相談会

(C) Michio Kimura, Hamamatsu University

静岡県版電子カルテシステム経緯(続)



- 2年で5億円(県H16補正予算)
- 受注者決定(H17/1)
 - 富士通、NEC、SBS情報システム、NTTデータ、ソフトウェアサービスの5社JV
- 2モデル病院が1月に実運用開始予定
 - 来年に11病院が、21年までに47病院が導入希望あるいは検討中
 - 部分導入可(但し電子紹介状は必須)
 - 各社病院情報システムは各種オーダ内容、各種結果をHL7 v2.5(=ISO規格、JAHIS標準)で出すことができれば、他社の病院情報システムでも接続可能
- 診療所電子カルテへの電子紹介状作成機能開発
 - 県H17予算、静岡県医師会へ委託、6社が対応、機能追加分無償配布
 - 調剤レセコンへの2次元バーコード付き院外処方箋。

(C) Michio Kimura, Hamamatsu University

静岡県版電子カルテシステム 概念図

