MedInfo 2017 Program - Poster

Theme	Board No.	Submission No.	9:00-18:15, total 50 posters in Poster Area of 3F	
			Title	**Author**
KNOWLEDGE MANAGEMENT	1	39	an Open Metadata Schema for Clinical Pathway (openCP) in China	Wei Xu, Yanxin Zhu, Xia Wang
	2	64	Usability Study of RSNA Radiology Reporting Template Library	Yi Hong, Selen Bozkurt, Ying Zhu, Jin Zhang, Charles Kahn
	3	81	Challenges in archetypes terminology binding using SNOMED-CT compositional grammar: the Norwegian patient summary case	Luis Marco-Ruiz, Rune Pedersen
	4	125	From Categorical Stucture to a Concept Model: The International Classification of Health	Jean marie Rodrigues, Sukil Kim, Syed Mohamed Aljunid, Jae Jin Lee, Huib Ten Napel, Béatrice Trombert
	5	138	Clinical Workflow Modeling in Obstetrics: Hepatitis B in Pregnancy	Fadi Shamoon, Harald Leitich, Jeroen Sebastiaan de Bruin, Andrea Rappelsberger, Klaus-Peter Adlassnig
	6	175	Using Semantic Technologies to Extract Highlights from Care Notes	Vanessa Lopez, Grace McCarthy, Joao Bettencourt-Silva, Marco Sbodio, Stephane Deparis, Spyros Kotoulas, Natasha Mulligan, Fabrizio Cucci, Ciaran Hennesy, Nagesh Yadav, Conor Cullen, Karie Kelly, Russel Olsen
	7	190	Construction of EBM Literature Information Model	Yanxin Zhu, Wei Xu, Xia Wang
	8	201	Using SNOMED Distance to Measure Semantic Similarity of Clinical Trials	Duo Wei, Gang Fu
	9	261	Integration of Japanese Medical Device Adverse Event Terminologies	Ayako Yagahara, Takumi Tanikawa, Katsuhiko Ogasawara, Yokoi Hideto
	10	339	The Analysis of Medical Accidents Related to Electronic Health Records in Nursing Services	Mika Tomita, Natsumi Kishi, Mariko Iwasawa
	11	395	Developing the first generally-available openEHR archetypes and templates for physiotherapy: an example of building clinical models and modelling capacity via student-led academic-industrial collaboration	Jamila Chihab, Hildegard Franke, Ian McNicoll, Matthew Darlison
	12	411	CoMetaR â€" a Collaborative Metadata Repository for Biomedical Research Networks	Mark R. Stöhr, Gudrun Helm, Andreas Günther, Raphael W. Majeed
	13	432	Evaluation of SNOMED CT as a Reference Terminology for Standardized Data Queries in the Arden Syntax	Robert Jenders
	14	503	Mapping HL7 CDA R2 formatted mass screening data to openEHR archetypes	SHINJI KOBAYASHI, Naoto Kume, Hiroyuki Yoshihara
	15	513	Towards the Consideration of Diagnostic Delay in Model-Based Clinical Decision Support	Jan Gaebel, Mario A, Cypko, Steffen Oeltze-Jafra
	16	613	Correcting Ontology Errors Simplifies Visual Complexity	Hao Liu, Ling Zheng, Yehoshua Perl, Yan Chen, Gai Elhanan
	17	614	Terminology Status APIs â€" Mapping obsolete codes to current RxNorm, SNOMED CT and LOINC concepts	Lee Peters, Thang Nguyen, Olivier Bodenreider
	18	622	Training of Students for Critical Evaluation of Mobile Health Applications	Mira HERCIGONJA-SZEKERES, Jadranka BOZIKOV
	19	636	Exploiting Temporal Constraints of Clinical Guidelines Applying openEHR archetypes	Lilian Mie Mukai Cintho, Diego Garcia, Bruno Santos, Claudia Moro, Lucia Sacchi, Silvana Quaglini
	20	642	POLE.VAULT: A Semantic Framework for Health Policy Evaluation and Logical Testing	Arash Shaban-Nejad
	21	656	Considerations of Human Factors in the Design and Implementation of Clinical Decision Support Systems for Tumor Boards	Carmelo Gaudioso, Peter Elkin

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QUALITY AND SAFETY, AND PATIENT OUTCOMES	22	14	The impact of a Picture Archiving and Communication system on radiograph interpretations in an	Petter Hurlen, Arne Borthne, PÃ¥l Gulbrandsen
	23	35	Data Quality of the Chinese National AIDS Information System: A Critical Review	Hong Chen, Ping Yu, David Hailey, Tingru Cui
	24	47	A new essential functions installed DWH in Hospital Information System -Process Mining teqniques and Natural Language Processing are focused on-	Masayuki Honda, TAKEHIRO MATSUMOTO
	25	73	Methods for Detecting Malfunctions in Clinical Decision Support Systems	Adam Wright, Trang Hickman, Dustin McEvoy, Skye Aaron, Joan Ash, Rachel Ramoni, Milos Hauskrecht, Peter Embi, Richard Schreiber, Dean Sittig, David W. Bates
	26	76	Data Mining on Numeric Error in Computorized Physician Order Entry System Pescription	Xue Wu, Changxu Wu
	27	77	Event Notification in Support of Population Health: The Promise and Challenges from a Randomized Controlled Trial	Brian Dixon, Kenneth Boockvar
	28	92	Can Video Conferencing Facilitate Better Discharge Processes and a Superior Patient Experience?	Jeremy Grummet, Nilmini Wickramasinghe, Peter Haddad, Louise O'Connor
	29	115	Using Health Information Technology to Enhance Care Outcome Accountability Through Bundled Payments	Rima Gibbings, Nilmini Wickramasinghe
	30	172	Computerized cognitive rehabilitation: comparing different human-computer interactions	Silvana Quaglini, Anna Alloni, silvia panzarasa, barbara cattani, Caterina Pistarini
	31	205	Implementation of an outsourced transnational service of Clinical Decision Support System	Vania Teixeira, Luciana Rubin, Romina Rebrij, Rodrigo Martinez, Alvaro Tamborindeguy, Juan Carlos Bacigalupo, Daniel Luna
	32	224	Evaluation of Clinical Nursing Information System in Taiwan Regional Hospital	Wan-Jie Chou, Pei-Yu Tsai, Shu-Ying Lin, I-Ching Hou
	33	236	Using mobile device application support emergency clinician in diagnostic decision of pulmonary embolism	Chun Yen Huang, Po-Liang Cheng, Polun Chang
	34	255	Method to identify diagnostic rules for pancreatic cancer using laboratory data based on Bayesian estimation	Shirou Manabe, Yoshie Shimai, Taizo Murata, Ayumi Fujii, kanayo Ueda, Akito Nakagawa, Toshihiro Takeda, Naoki Mihara, Yasushi Matsumura
	35	267	Comparing Inpatient Falls Guidelines to Develop an ICNPÂ®-Based Nursing Catalogue for ENRs	Insook Cho, Miran Jung, Jihye Kim, Jisun Chae, Yeunhee Kim
	36	277	The role of technology in medication safety incidents: interpretative analysis of patient safety incidents data	Valentina Lichtner, David Gerrett, Ann Slee, Noreen Gul, Tony Cornford
	37	280	Core Curriculum Comparisons in Master Degree Programs for Patient Safety	Qiyan Zhang, Hiroshi Takeda
	38	302	Patient accessibility to hospitals in winter road conditions: GIS-based analysis using car navigation probe data	Takumi Tanikawa, Hisateru Ohba, Ayako Yagahara, Katsuhiko Ogasawara
	39	317	Effects of Computerized Guideline-Oriented Clinical Decision Support System on Glycemic Control in Diabetic Patients: A Systematic Review and Meta-Analysis	Ryota Sakurai, Kazuhiko Ohe
	40	364	Development of Observation Support System Using Integrated Nursing Practice Data	Ryoma Seto, Toshitaka Inoue, Nobuyuki Koeda, Takahiro Yasoshima
	41	416	Advancing towards a CDA-based Trauma Registry Data Submission	Martin Staemmler, Alexander Nischwitz, Markus BlÃ¤tzinger, Johannes Sturm
	42	420	Guided Expert Modeling of Clinical Bayesian Network Decision Graphs	Mario A, Cypko, Matthaeus Stoehr, Steffen Oeltze-Jafra, Andreas Dietz, Heinz U Lemke
	43	425	Accessibility of Mobile Devices for Visually Impaired Users: An Evaluation of the Screen-reader VoiceOver	Berglind Smaradottir, Jarle HÃ¥land, Santiago Martinez
	44	429	Personalizing Longitudinal Care Coordination for Patients with Chronic Kidney Disease	theresa cullen, Suranga Kasthurirathne, Jenna Norton, Andrew Narva
	45	473	Development of Safety and Usability Guideline for Hospital Information System	Yura Lee, Ming-Young Jung, Gee Won Shin, Sangwoo Bahn, Taezoon Park, Jae-Ho Lee
	46	542	Accuracy of Decision Support Systems for Breast Cancer â€" Inicial Results	Priscyla Waleska SimÃµes
	47	558	Use of an Off-the-Shelf Corporate Information Tool to Track a High-Level-Disinfection Process	Carolina Salazar, Jaime De los Hoyos, Francisco Izurieta, Daniel Jara, Daniel Capurro
	48	581	The Evaluation of the Health Information Exchange with the number of usage and the introduction of outpatient to the Hospitals at Nagasaki Japan	TAKEHIRO MATSUMOTO, Masayuki Honda
	49	583	Willingness to pay for elderly tele-care system using digital terrestrial broadcasting	Katsuhiko Ogasawara, Satoshi Kaga, Teppei Suzuki, Yuji Tani, Fumihiro Higashikawa, Hisashi Enomoto, Hiroyuki Moriyama, Nobuyuki Kise
	50	670	Development of multiple wireless network environments for Hospital	Yoshinori Yamashita
	51	669	The Diffusion of mHealth Applications	Parisis Gallos, John Mantas
	52	11	Using an Ontology-based Approach to Handle Author Affiliations in a Large Biomedical Citation Database	Haixia Sun, Junlian Li, Yingjie Wu, Lei Wang, Kin Wah Fung
	53	12	Development of a quick SOFA-based Sepsis Clinical Decision Support System in a Tertiary Hospital Emergency Department	Jae-Ho Lee, Youn-Jung Kim Kim, Sang-Wook Lee, Ming-Young Jung, Won Young Kim
	54	19	eHealth, Telemedicine and the Physician-Patient Relationship: An Ethical Conundrum	Eike-Henner Kluge
	55	24	How Doctors are Using Mobile Electronic Medical Record? An in-Depth Analysis of the Usage Pattern	Junetae Kim, Yura Lee, Sanghee Lim, Jae-Ho Lee
	56	130	Comparative Analysis of Geriatric and Adult Drug Clinical Trials on ClinicalTrials.gov	Zhe He, Aisha Langford
	57	134	Modeling an IT Support for Handling Serious Adverse Events in Clinical Trials	Simon Fonck, Thomas M. Deserno
	58	148	Using Fast Healthcare Interoperability Resources (FHIR) for the Integration of Risk Minimization Systems in Hospitals	Kutaiba Saleh, Stephan Stucke, Alexandr Ucitelic, Sebastian FaulbrÃ¼ck-RÃ¶hr, Juliane Neumann, Kais Tahar, Danny Ammon, Tobias Schmidt, Thomas Neumuth, Andreas Besting, Frank Portheine, Heinrich Herre, AndrÃ© Kaeding, Martin Specht
	59	161	Leveraging Aging in Place through Sensor-enhanced In-home Monitoring	Ju Wang, Jing Wang, Hongyu Miao, Michael Marschollek, Klaus-Hendrik Wolf, Kerry Lynch, Yang Gong
	60	181	Explore Care Pathways of Colorecatal Cancer Patients with Social Network Analysis	Tianyao Huo, Thomas George, Yi Guo, Mattia Prosperi, FranÃ§ois Modave, Jiang Bian
	61	199	A Patient Centric Nursing Mobile APP Redesign	Hernan Navas, Mariano Dozo, Ezequiel Dourado, Fernando Canteros, Ingrid Rung
	62	214	Predictors of posttraumatic growth among lymphoma survivors after diagnosis	Tian Li, Changying Chen

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			9:00-18:15, total 50 posters in Poster Area of 3F	
	63	216	How to Use TCM Informatics to Study Traditional Chinese Medicine in Big Data Age	Qingyue Gong, Cheng Shi, Jinhai Zhou
	64	221	Patient Handovers â€" Cognitively Demanding and Time Critical: Does the HandoverEHR Meet These Challenges?	Ursula Hubner, Mareike Przysucha
	65	226	Digital divide and health disparities in China: Data from a national longitudinal survey of CHARLS	Y. Alicia Hong, Zi Zhou, Ya Fang
	66	273	A Hospital Nursing Adverse Events Reporting System Project: an Approach Based on the Systems Development Life Cycle	Yingjuan Cao, Marion Ball
	67	274	Effects of a Bedside TV-Based Pain Management Patient Interactive Tool on Pain Reassessment Nursing Documentation Rates	Ranyah Aldekhyyel, Genevieve Melton, Jason Albrecht, Yan Wang, Bruce Lindgren, Michael Pitt
	68	283	Discovery of Psychoactive Substance Addiction Patterns Based on Information Mining Engineering	Ramon Garcia-Martinez, Sebastian Martins, Santiago Bianco, Hernan Navas
	69	293	Comparative Study between Conventional and Computer-assisted Aurgery Methods for Planning and Resection of Bone Sarcomas. In Vitro study.	Lucas Eduardo Ritacco, LA Aponte, Domingo Muscolo, MA Ayerza, Ignacio Albergo, German Farfalli, Marcelo Risk, Fernan Gónzalez Bernaldo de Quirós, Federico Edgardo Milano
	70	296	Modeling a System for Generating Structured Reports	Lorena Dutra da Costa, Marcos d Ornellas
	71	340	Terminology Adoption in Family Medicine Service â€" Start of Journey	Austen Wong, Maggie LAU, Vicky Fung, Dorothy To
	72	349	Three Dimensional Virtual Planning Through Cone Beam Computed Tomography for Surgical Guidance Production	Marcos d Ornellas, Kaline Antunes, Daiane Noedel, Gustavo Dotto, Renésio Grehs
	73	419	Self-reported eHealth Literacy Among Undergraduate Nursing Students in Selected Districts of Sri Lanka	Shaluni Tissera, Nishan Silva
	74	436	Implementation of an Archetype Data Set to Reuse Electronic Health Record Data in Clinical Decision Support Systems	Georgy Kopanitsa
	75	438	Infrastructure for Big Data in the Intensive Care Unit	Javier Zelechower, Jose Tomas Astudillo, Francisco Traversaro, Francisco Redelico, Daniel Luna, Fernan Gónzalez Bernaldo de Quirós, Eduardo San Roman, Marcelo Risk
	76	439	Big Data in the ICU: experience in the Hospital Italiano de Buenos Aires	Jose Tomas Astudillo, Javier Zelechower, Francisco Traversaro, Francisco Redelico, Daniel Luna, Fernan Gónzalez Bernaldo de Quirós, Marcelo Risk, Eduardo San Roman
	77	468	Building Interoperable FHIR-based Vocabulary Mapping Services: A Case Study of OHDSI Vocabularies and Mappings	Guoqian Jiang, Richard Kiefer, Eric Prud'hommeaux, Harold Solbrig
	78	490	Estimating Sample Size for a Feasibility Study of Computer-assisted Input Support to EDC	Naoki Nishimoto, Naomi Tamura, Jun Kunikata, Sumiko Akahori, Tomoaki Sogo, Yuuma Tani, Yokoi Hideto
	79	498	A Performance Comparison on the Machine Learning Classifiers in Predictive Pathology Staging of Prostate Cancer	Jae Kwon Kim, In Hye Yook, Mun Joo Choi, Jong Sik Lee, Yong hyun Park, Ji Youl Lee, Inyoung Choi
	80	510	Methods for Faster and Efficient Data entry in EMRs	Shashi Bhushan Gogia, Anand Malaviya
	81	511	Efficient and Flexible Detection of Fall Events Using Bidirectional EMG Sensor	Hao Han
	82	518	Extracting Medication Information from Electronic Dental Records of Dental Patients	Yue Wang, Zasim Azhar Siddiqui, Anand Krishnan, Jay Patel, Thankam Thyvalikakath
	83	521	SMS Education for the Promotion of Diabetes Self-Management in Low & Middle Income Countries: A Randomized Controlled Trial in Egypt	Haitham Abaza，Mareike Schulze
	84	548	Classifying Clinical Notes with Pain Assessment	Samah Fodeh, Dezon Finch, Lina Abuayad, Stephen Luther, Robert Kerns, Cynthia Brandt
	85	569	Smartphone Application Use Pattern and Intention to Use Self-Control Service between Control and Disorder Group	Mun Joo Choi, In Hye Yook, Dai Jin Kim, Inyoung Choi
	86	578	Medical Care Quality Assessment Based on Health Records Analisys in Russia	Georgy Kopanitsa, Maksim Taranik
	87	579	Patientâ€™s Adherence Level Determination System	Georgy Kopanitsa, Maksim Taranik
	88	105	Evaluation of Use of Electronic Patient Controlled Analgesia Pumps to Improve Patient Safety in an Academic Medical Center	Kumiko Schnock, Patricia Dykes, Kathleen Carrigan, Elizabeth Cohn, Catherine Yoon, Carol Luppi, Anne Bane, David W. Bates
	89	615	High Performance Computing and Natural Language Understanding	Peter Elkin, Daniel Schlegel, Chris Crowner, Frank
	90	626	Usability Evaluation of NLP PIER: A Clinical Document Search Engine for Researchers	Gretchen Hultman, Reed McEwan, Steven Skube, Serguei
	91	635	Authmatic Loading of Problems Using a Comorbidities Subset, One Step to Organize and Maintain the Patientâ€™s Problem List	Santiago Márquez Fosser, Alejandro Gaiera, Sonia Benitez, Carlos Otero, Daniel Luna, Fernan Gónzalez Bernaldo de Quirós
	92	646	Identifying Patientsâ€™ Detailed Smoking Status from Electronic Dental Records data.	Jay Patel, Zasim Siddiqui, Anand Krishnan, Thankam Thyvalikakath

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Theme	Board No.	Submission No.	9:00-18:15, total 50 posters in Poster Area of 3F	
			Title	**Author**
			09:00-17:30, total 30 posters in Poster Area of 4F	
		7	Identification, Comparison and Clinical application of interventions core to pediatric oncology nursing based on Nursing Interventions Classificationï¼ˆNIC-6thï¼‰	Jiwen SUN, Nanping Shen, Jianhua LOU, Hong LU
		65	Analysis of the interventions performed in pediatric cardiology unit based on Nursing Interventions Classificationï¼ˆNIC-6thï¼‰: A pilot study	Jiwen SUN, Nanping Shen, Yibei WU
		111	Improving the Admission Process of Pediatric Limb Fracture Patients to Stabilize the Psychological State of Their Parents at a Metropolitan Hospital in China	Yanjun Zhao, Ting Zhu
		127	Zika virus viewed through the Resonant Recognition Model. Unraveling new avenues for understanding and managing a se-rious threat.	José Luis Hernández Caceres
		173	Epileptogenic Focus Localization through Information Transfer Characteristic Analysis within Brain Networks	Rui Zuo
		191	Visiting Surgical Patient with PDA	Xiao Xu
		215	Development of personalized management mobile application for gastric and colon cancer patients	Ji yeong Soh, Mi-rim Lee, Ki-hyung Kim, Won-chul Cha, Dong-kyung Jang
		225	Using Modified-ISS Model to Evaluate Medication Administration Safety During Bar Code Medication Administration Implementation in Taiwan Regional Teaching Hospital	Pei-Lun Ma
		241	Governance of Shared Health Information in Canada	Karim Keshavjee, Linying Dong, Susan Anderson, Nancy Gabor, Diane Edlund, Carol Brien, Selena Davis
		360	Design and Preliminary Implementation of the Open Laboratory Management System Based on Access Control System for Nursing Education: a New Model in China	Fang Huang, Yamei Bai
		362	Rate of electronic health record adoption among community hospitals in South Korea: a national-wide study	Young-Gun Kim, Dahye Shin, JungHyun Byun, Dukyong Yoon, Rae Woong Park
		380	Prediction and Factor Extraction of Diagnosis by Analyzing Prescription In Developing Countries	Min Hu
		404	Connecting an Academic Institute with Precision Medicine Information	Mary White
		410	Development of Day Care Management Systems for Elderly	Ming Chu Chiang, Chien-Tsai Liu, Yu-Ting Yeh
		456	Shaping Future Patient-centered Healthcare Research	Huanmei Wu, Hao Yu, Tammy Toscos, Amy Miller, Miaolei Deng, Bradley Doebbeling
		476	Semantic Computing Analysis for History Division of Medical Informatics	Yi Li, Bo Zhao, Zhi-chao Zhou, Dong-hua Tao
		531	Study on the Spatial Distribution and Influence Factors of Hospital-beds in Chinese Mainland with GWPR Method	Zirong Ye, Kimberly R. Enard, Ya Fang
		540	Physicians´ perceptions about a Personal Health Record for inpatients. A qualitative study	Maria Julia Frangella
		546	Personal Health Records for hospitalized patients: An approach to patients´ information needs during hospital stay	Gabriela Garcia
		547	Add to cart: a tool for automated purchasing of medication through a Personal Health Record	Lucila Bruchanski
		555	Personal Health Record based Healthcare Management Program in Patients with Breast Cancer	Nari Kim
		557	Standard-based Health Information Exchange Case Study in South Korea	Hyerim Ji, Eun-young Heo, Sooyoung Yoo, Min-ho Lee, Jieun Cha, Jeong-Whun Kim
		566	Chemotherapy-induced adverse drug reactions: A retrospective study using electronic health records	Jeongah On
		580	Exploring Quality of Unstructured Incident Reporting on Unplanned Extubation using ICPS	JiHyun Lee, Hyeoun-Ae Park
		603	Non-invasive wireless pelvic floor muscle training device for urinary incontinence	Huan-Cheng Hung
		607	Application of Information Technology in the Outpatient Service Optimization	Xiaoying Zhang