MedInfo 2017 Program - Poster

23-Aug-17

Theme	Board No.	Submission No.	9:00-18:15, in Poster Area of 3F	
			Title	**Author**
CONNECTED AND DIGITAL HEALTH	1	34	Competencies for Effective Use of Online Depression Information among College Students	Yulong Gu, Zornitsa Kalibatseva, Xu Song
	2	46	Personal Health Self-Management in a Data Perspective	Yi Qin Yu, Xiang Li, Gang Hu, Haifeng Liu, Jing Mei, yuan ni, Guoyu Tang, Guotong Xie, Weiming Xu
	3	61	3D Documentation of Chronic Wounds Using Low-Cost Mobile Devices	Ekaterina Sirazitdinova, Thomas M. Deserno
	4	80	Social media as a communication support for persons with mild acquired cognitive impairment: A social network analysis study	Aboozar Eghdam, Ulrika Hamidi, Aniko Bartfai, Sabine Koch
	5	100	Use Contexts and Usage Patterns of Interactive Case Simulation Tools by HIV Healthcare Providers in a Statewide Online Clinical Education Program	Dongwen Wang
	6	120	Use of Person-Generated Health Data in Kinect-based Stroke Rehabilitation Systems: A Systematic Review	Gerardo Luis Dimaguila, Kathleen Gray, Mark Merolli
	7	136	Rapid development and distribution of Mobile media-rich clinical practice guidelines nationwide in Colombia	Jose F Florez Arango, M Sriram Iyengar, Indira Caicedo, Germán Escobar
	8	149	CLARUS as a cloud security framework: eHealth use case	Santiago Iriso, David Vidal, Rafael Mulero
	9	171	Patient-clinician co-design co-participation in design of an app for rheumatoid arthritis management via telehealth yields an app with high usability and acceptance	Rebecca Grainger, Hermaleigh Townsley, Tobias Langlotz, William Taylor
	10	182	Intelligent Digital Environment for Wellbeing and Health	Inga Hunter, Caroline Lockhart, Phoebe Elers, Dick Whiddett, Hans Guesgen
	11	184	Connecting PHRs and EHRs for a Sustainable National Health System	Evelyn Hovenga, Heather Grain
	12	238	Management of in-field patient tracking and triage by using near-field communication in the mass causalty incidents	Po-Liang Cheng, Yung-Cheng Su, Polun Chang
	13	257	Nurses' Interest, Readiness and Absorptive Capacity to Information Technology: A survey in China	zhang boning, liu ping, Qian Xiao
	14	265	Cultural problem associated with the implementation of eHealth	Humberto Mandirola, Sonia Benitez, Carlos Otero, Jakir Hossain Bhuiyan Masud, Carol Hullin Lucay Cossio, Selene Indarte, Paula Otero, Sebastian Guillen, Fernando Campos, Daniel Luna, Analí-a Baum, Fernan González Bernaldo de Quirós
	15	269	The document based EHR system with the control of disclosing clinical documents using Access Control List file based on HL7 CDA header	Toshihiro Takeda, kanayo Ueda, Akito Nakagawa, Shirou Manabe, Katsuki Okada, Naoki Mihara, Yasushi Matsumura
	16	284	A Serious Game for Anterior Cruciate Ligament Rehabilitation: Software Development Aspects and Game Engagement Assessment	Marcos d Ornellas, Alison Machado, Jefferson Potiguara de Moraes, Ana Lúcia Prado
	17	292	School-based telemedicine: Perceptions about a telemedicine model of care	May Lin Tye, Michelle Honey, Karen Day
	18	294	Warfarin Guide: Co-design of a Mobile Computer-Assisted Anticoagulant Therapy	Santiago Martinez, Martin Gerdes, Berglind Smaradottir, Rune Fensli, Jarle Jortveit
	19	346	The Development of mWellcare, an mHealth System for the Integrated Management of Hypertension and Diabetes in primary care	Priti Gupta, Devraj Jindal, Dilip Jha, Vamadevan S Ajay, Pramod Jacob, Kriti Mehrotra, Pablo Perel, Jonathan Nyong, Ambuj Roy, Nikhil Tandon, Dorairaj Prabhakaran, Vikram Patel
	20	460	Vision Paper: Empathy Bot - Conversational Service for Psychiatric Counseling with Chat Assistant	KyoJoong Oh, ByungSoo Ko, DongKun Lee, Ho-Jin Choi
	21	469	Design of Rehabilitation Treatment Coach Robot	Seung-Ho Han, Han-Gyu Kim, Ho-Jin Choi
	22	472	Factors influencing progress of Health Information Exchange Organizations in the United States	Lauren Overhage, Jennifer Covich, Xiaochun Li, J Marc Overhage
	23	512	An Assessment Of Diabetic Patients' Attitudes, Preferences And e-Health Literacy Towards Patient Portal Use For Self-Care Management At Tertiary Hospitals in Saudi Arabia.	Rawan AlOthman
	24	532	A Homemade Easy Information System: The Example of Patient Satisfaction Survey	Hang Yin, yanyan cui, Polun Chang, Jun Lei
	25	535	An Interdisciplinary Approach between Medical Informatics and Social Sciences to Transdisciplinary Requirements Engineering for an Integrated Care Setting	Jan Vielhauer, Britta Böckmann
	26	539	Comparing the Human Papillomavirus Vaccination Opinions Trends from Different Twitter User Groups with a Machine Learning Based System and Semiparametric Nonlinear Regression	Jingcheng Du, Jing Huang, Rui Duan, Yong Chen, Cui Tao
	27	570	Development and deployment of an e-Health system in UNRWA Health Care Centers: the experience and evidence	Najeeb Al-Shorbaji
	28	601	Developing Mobile Health Management System for Patients with Musculoskeletal Tumor	Nai-Wen Liang
	29	616	A study on Saudi diabetic patients' readiness to use mobile health	Hanan Alenazi, Sara Alradhi, Mariam Alghamdi, Nasriah Zakaria
	30	650	Mobile apps for chronic kidney disease patient care: a content analysis	Ying-Li Lee, yanyan cui, Polun Chang
	31	660	Setting the Agenda for Personal Health Records in Developing Countries	Martin Were, Thomas Mwogi

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HEALTH DATA SCIENCE	32	37	Depression, impulse control disorder and life style according to the degree of the smartphone addiction	Eun Yeob Kim, Sangwook Joo, Seung yeon Choi, Su Jin Han
	33	43	Bringing knowledge to users in one click: Infobuttons in the problem list of an EHR.	Jose Federico Rodriguez, Emilio Salvador Mole, Luciana Rubin, Sonia Benitez, Carlos Otero, Daniel Luna, Fernan González Bernaldo de Quirós
	34	74	Effects of e-learning and m-learning on nursing care in a continuing education context: an overview of mixed method systematic reviews (protocol)	Geneviève Rouleau, Marie-Pierre Gagnon, José Côté, Emilie Hudson, Julie Payne-Gagnon, Julien Bouix-Picasso, Carl-Ardy Dubois
	35	119	Identifying Use Cases for Electronic Nursing Record Systems using Clinical Workflow Observations and a Delphi Survey	Insook Cho, Joohyun Chung
	36	139	Comparison of Different Algorithms for Sentiment Analysis: Psychological Stress Notes	Sunmoo Yoon, Faith Parsons, Kevin Sundquist, Jacob Julian, Joseph E. Schwartz, Matthew M. Burg, Karina W. Davidson, Keith M. Diaz
	37	189	Deep Diabetologist: Learning to Prescribe Hypoglycemia Medications with Hierarchical Recurrent Neural Networks	Jing Mei, Shiwan Zhao, Feng Jin, Lingxiao Zhang, Haifeng Liu, Xiang Li
	38	200	MetaMapLite in Excel: Biomedical Named-Entity Recognition for Non-technical Users	Ravi Teja Bhupatiraju, Kin Wah Fung, Olivier Bodenreider
	39	239	Multiple Kernel Learning-Boosting Method Based Chemical-Disease Relationships Identification in Biomedical Text	Yueping Sun, Yu Zhang, Jiao Li
	40	252	A Deep Learning Approach to Neuroanatomical Characterisation of Alzheimer's Disease	Abhinit Kumar Ambastha, Tze-Yun Leong
	41	278	Delivering Digital Drugs: an exploratory study of the digitalisation of supply and use of medicines	Tony Cornford, Valentina Lichtner, Jane Dickson, Ralph Hibberd, Ela Klecun, Will Venters, Bryony Franklin
	42	289	Concept Embedding for Relevance Detection in Search Queries Regarding CHOP	Yihan Deng, Lukas Faulstich, Kerstin Denecke
	43	321	System development aiming efficient recording of pedigree information and database construction for genetic counseling clinic	Takuya Nagasawa, Mitsuhiro Azuma, Michihiko Aki, Masaki Yamada, Mineko Ushiama, Noriko Tanabe, Takeshi Nakajima, Kokichi Sugano, Hiromi Sakamoto, Teruhiko Yoshida
	44	386	Using a simulation modelling approach to manage Out Patient Department waiting time at the National Hospital of Sri Lanka	Nishan Silva, Roshan Hewapathirana, Achala Jayatilleke
	45	400	A study on data-driven novel cancer staging methods	Yuan Gao, Yu Tian, Shengqiang Chi, Yao Lu, Tianshu Zhou, Jing-song Li
	46	413	Li2b2-Facade: Simulation of i2b2 Data Warehouse Server and Client for Interaction with Other Systems	Raphael W. Majeed, Tingyan Xu, Mark R. Stöhr, Rainer Röhrig
	47	454	Avoiding Overfitting in Deep Neural Networks that Generate Clinical Prognoses from General Blood Test Results	YouJin Kim, Han-Gyu Kim, Ho-Jin Choi
	48	484	Using Human Phenotype Ontology for Phenotypic Analysis of Clinical Notes	Feichen Shen, Liwei Wang, Hongfang Liu
	49	489	Development of Asian Non-Small Cell Lung Cancer Survival Prediction Model Using Bayesian	Bincan Yin, Shichao Xin and Yuhong Zhao
	50	491	Technical Challenges and Opportunities When Implementing Pharmacogenomics Decision Support Integrated in the Electronic Health Record	Pedro Caraballo, Joseph Sutton, Ann Moyer, David Blair, Lois Hines, Padma Rao, Mark Adams, Sahana Murthy, Tina Garza, Mary Karow, Harmanjit Singh, Jyothsna Giri, Donald Gabrielson, Jennifer St. Sauver, Suzette Bielinski, Mark Parkulo
	51	500	Construction of an Open-Access Bio-Signal Repository from Intensive Care Unit	Doyeop Kim, Sukhoon Lee, Tae Young Kim, Sanghyung Jin, JaeYeon Park, JeongGil Ko, Rae Woong Park, Dukyong Yoon
	52	506	Automated Report Generation for Research Data Repositories: From i2b2 to PDF	Volker Sebastian Thiemann, Tingyan Xu, Rainer Röhrig, Raphael W. Majeed
	53	524	A big data analysis and review of questions submitted to a Brazilian telemedicine system	Jacqueline Brixey, Juliana Brixey
	54	543	Data Mining applied to Analysis of Contraceptive Methods among College Students	Priscyla Waleska Simoes, Samuel Cesconetto, Eduardo Daminelli Dallo, Maria Marlene de Souza Pires, Eros Comunello, Felipe Borges Tomaz, Eduardo Picolo Xavier, Pedro Antonio da Rosa Brunel Alves, Luciane Bisognin Ceretta, Diego Garcia, Sandra Aparecida Manenti
	55	549	Validated Simulation: The Experience of Anesthesiologist Board Examination in Taiwan	Hungwei Cheng, Pin-Tarng Chen, Polun Chang
	56	550	Asynchronous Query Distribution Between Multiple i2b2 Research Data Warehouses: Li2b2-SHRINE	Raphael W. Majeed, Mark R. Stöhr, Volker Sebastian Thiemann, Rainer Röhrig, Andreas Günther
	57	561	Generation of openEHR Test Datasets for Benchmarking	Samar El Helou, Tuukka Karvonen, Goshiro Yamamoto, Naoto Kume, SHINJI KOBAYASHI, Eiji Kondo, Shusuke Hiragi, Kazuya Okamoto, Hiroshi Tamura, Tomohiro Kuroda
	58	563	Comparing difference of adverse effects among multiple drugs using FAERS data	Jing Huang, Xinyuan Zhang, Jingcheng Du, Rui Duan, Liu Yang, Jason Moore, Yong Chen, Cui Tao
	59	585	Integrating x4T-EDC into an Image-Portal to Establish an Ophthalmic Reading Center	Philipp Bruland, Ulrich Käthner, Maximilian Treder, Nicole Eter, Martin Dugas
	60	589	The study of hot spots on Hepatitis B dissertation based on co-word analysis in China	Wei Zhang, Hongmei Duan, Yibo Wang, Xianzhen Zhang
	61	592	Mining Associations between Genes and Clinical Conditions of Breast Cancer by using Gene Expression Data	Yue Fang Hou, Hao Zhang, Han Zhang, Lei Cui
	62	662	"Big Clinical Data" Analysis of Intravenous to Oral Conversions of Non-Antimicrobials	Patrick E. Beeler, David W. Bates, Jürg Blaser
	63	667	Extracting Predictive Indicator for Prognosis of Cerebral Infarction Using Machine Learning Techniques	Yasunobu Nohara, Koutaro Matsumoto, Naoki Nakashima

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HUMAN, ORGANIZATIONAL, AND SOCIAL ASPECTS	64	1	Developing an evidence-based web-education program designed to help nurses to learn to care acutely ill intoxicated patients in emergency departments	Marita Koivunen, Eija Noppari, Tiina Hakala, Anna-Kaisa Kautto
	65	78	Key Factors for the Successful Adoption of IS/IT in Healthcare: A Fit-Viability Perspective	Nilmini Wickramasinghe, Imran Muhammad, Peter Haddad
	66	106	Measuring User Satisfaction of Clinical information Systems: What Really Matters?	Jonathan Schaffer, Peter Haddad, Nilmini Wickramasinghe
	67	174	Virtual Reality in Nursing and Health Care: Insights into Health Informatics Development	Kup-Sze Choi
	68	183	Planning for a digital health information workforce: Design of a research agenda and national census for Australia	Kathleen Gray, Kerryn Butler-Henderson
	69	192	The Design about Evaluation and Automation Instruction of Management by Law of Community Health Service in China	Hongpu Hu, Yue Zhang, Yao He, Fan Yu, minjiang guo
	70	198	DOCtimer: A Timing and Event Recording Tool for Direct Observational Research	Matthew Nolan, Brian Pickering, Vitaly Herasevich
	71	247	Evaluation of the anonymity and utility of de-identified clinical data based on Japanese anonymization criteria	Eizen Kimura, Satoshi Hasegawa, Koji Chida, Shoko Gamo, Satoshi Irino, Haku Ishida, Yukio Kurihara
	72	337	Health Digital Divide In The Era Of Precision Healthcare â€"Taking Yunnan Province For Example	Yan Peng
	73	347	Secure Electronic Communications and Data Transfers in a Clinical Environment	Tingyan Xu, Volker Sebastian Thiemann, Rainer RÃ¶hrig, Dominik Brammen, Raphael W. Majeed
	74	367	Report and Analysis of web portal oldagesolutions.org for indian oldage person	susil kumar meher, Ab dey
	75	568	Authenticating Unknown Doctors for Access to EHRs based on Societal Trust	Kensuke Morris, Naoto Kume, Goshiro Yamamoto, Shinji Kobayashi, Kazuya Okamoto, Hiroshi Tamura, Tomohiro Kuroda
	76	600	Nursing Informatics Pioneers Embrace Social Media	Juliana Brixey, Susan Newbold
	77	606	Mobile Learning in nursing undergraduates: current status, attitudes and barriers	Qian Xiao, Qiannan Zhang, Lanlan Wang, Yanling Wang, Liu Sun, Ying Wu
	78	638	Privacy policy implementation on The Nation-wide EHR in Japan for Hospital and Patient	Naoto Kume, Shinji Kobayashi, Kenji Araki, Hiroyuki Yoshihara
	79	654	Development of a data collection tool for MbHIS-QUAL: Evaluation of the quality of morbidity data in routine health information systems (RHISs) in hospitals.	Lyn Hanmer, Edward Nicol, Debbie Bradshaw