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	197 Adverse Drug Event Monitoring with Clinical and Laboratory Data Using Arden Syntax Andrea Rappelsberger, Klaus-Peter Adlassnig, Jeroen Sebastiaan de Bruin, Manuela Plössnig, Jochen Schuler, Christina Hofer-Dü ckelmann	
	54 The Impact of Censoring Drug Switching in Medication Adherence Measures of Chronic Single Ingredient Oral Drugs Vivienne Zhu, J Marc Overhage, Qianli Ma, Patrick B Ryan Panel 502	
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	575 CrowdMapping: a Crowdsourcing Based Terminology Mapping Method for Medical Data Standardization Huajian Mao, Chenyang Chi, Boyu Huang, Haibin Meng, Jinghui Yu, Dongsheng Zhao	
08:30-10:00	162 Inter-annotator agreement and the upper limit on machine performance: Evidence from biomedical natural language processing Mayla Boguslav, Kevin Bretonnel Cohen	
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	Mihara, Toshihiro Takeda	
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	677 The Future of Mobile Usability, Workflow and Safety Testing Elizabeth Borycki, Yalini Senathirajah, Andre Kushniruk	
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	461 An Interactive Platform to Visualize Data-Driven Clinical Pathways for the Management of Multiple Chronic Conditions Yiye Zhang, Rema Padman	
	625 Automated Evaluation System for Human Pupillary Behavior Cleyton Silva, Cristhiane Gonçalves, Ronaldo Costa, Eduardo Camilo, Fabio Santos, Joyce Siqueira	
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10:30-12:00	HUMAN, ORGANIZATIONAL, AND SOCIAL ASPECTS 3: International co-chair: Marie-Christine Jaulent Chinese co-chair: Ling Yin 629 Patients' online access to Electronic Health Records – Retrospect, Current Status and Experienced Challenges from the Implementation in Sweden Maria Hägglund, Isabella Scandurra 554 Analysis of the Updated Swedish Regulatory Framework of the Patient Accessible Electronic Health Record in Relation to Usage Experience Isabella Scandurra, Maria Pettersson, Benny Eklund, Leif Lyttkens 538 Patient Portal Adoption Rates: a Systematic Literature Review and Meta-analysis Paolo Fraccaro, Markel Vigo, Panos Balatsoukas, Iain E. Buchan, Niels Peek, Sabine N. van der Veer 348 Green turning Brown – Domain Engineeering for Health and Social Services in Finland Reima Suomi, Riina Hiltunen, Tapio Vepsäläinen, Pirkko Nykänen 499 Feasibility of Making the Elderly Using Smartphone Taking LINE as a Strategic Pilot APP Tzu-Ning Wen, Po-Liang Cheng, Polun Chang 533 The Socio-economic Challenge – Survey on Danish Citizens Perspectives and Use of Health Information Technology Lone Stub Petersen, Pernille Bertelsen	403
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	63 Development of a Smartphone Application to Monitor Pediatric Patient-Reported Outcomes Jingting Wang, Nengliang Yao, Yanyan Liu, Zhaohui Geng, Yuanyuan Wang, Nanping Shen, Xiaoyan Zhang, Min Shen, Chang Rong Yuan	
	470 Developing a Mobile Wellness Management System for Healthy Lifestyle by Analyzing Daily Living Activities Chae-Gyun Lim, Zae Myung Kim, Ho-Jin Choi	206
	467 An Exploratory Analysis of Game Telemetry from a Pediatric mHealth Intervention Rema Padman, Disha Gupta, Bhargav Sri Prakash	
	475 Who is your doctor? Patient-reported vs. Imputed Primary Care Physician Shan He, Sue Dintelman, Jake Sangster, Darren Mann, Sid Thornton	
	442 Using Smartphones for Research Outside Clinical Settings: How Operating Systems, APP Developers and Users Determine Geolocation Data Quality in mHealth Studies AL Beukenhorst, DM Schultz, J McBeth, R Lakshminarayana, JC Sergeant, Will Dixon, Anna Beukenhorst	
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	494 Conversion of National Health Insurance Service-National Sample Cohort (NHIS-NSC) database into Observational Medical Outcomes Partnership-Common Data Model (OMOP-CDM) Seng Chan You, Seongwon Lee, Soo-Yeon Cho, Hojun Park, Sungjae Jung, Dukyong Yoon, Rae Woong Park	
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	71 An Integrated Surveillance System to Examine Testing, Services, and Outcomes for Sexually Transmitted Diseases Brian Dixon, Guoyu Tao, Jane Wang, Wanzhu Tu, Sarah Hoover, Zuoyi Zhang, Teresa Batteiger, Janet Arno	
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	165 The Study of Pulse Image of Traditional Chinese Medicine in Information Age Cheng Shi, Yu Zhang, Qingyue Gong, Jinhai Zhou, Lisheng Xu	
	15 The Impact of "possible patients" on Phenotyping Algorithms: Electronic Phenotype Algorithms Can Only Be Reproduced by Sharing Detailed Annotation Criteria. Rina Kagawa, Yoshimasa Kawazoe, Emiko Shinohara, Takeshi Imai, Kazuhiko Ohe	
	109 Comparison of Regression Analysis and Transfer Function in Estimating the Parmeters of Central Pulse Waves from Brachial Pulse Wave Rui Chai, Lisheng Xu, Yang Yao, Li-ling Hao, Lin Qi	
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	WORKSHOP 733 Building a Global Community for Digital Health Innovation: the Role of Patient Summaries Catherine Chronaki, Mie Hjorth Matthiesen, Jan Petersen, Jamie Ferguson, Stanley Huff, Henrique Martins	403
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