

Paper ID	Track Session	Session Topic/Theme	Paper #	Title	Author Names	First Author Country
353	A1	CE Service Delivery I	A1.1	Enhancing Medical Equipment Management through the Implementation of China's	TAI, Tony Chi Wah*; TSE, Lok Him; LI, Julie	China - Hong Kong
68	A1	CE Service Delivery I	A1.2	Quality and Risk Management System for Medical Equipment in Hospitals	Wang, Shengjun*	China
151	A1	CE Service Delivery I	A1.3	Research on Continuous Quality Improvement Project for Reducing Downtime of Linacs	lu, qipeng*	China
328	A1	CE Service Delivery I	A1.4	Closed-loop management of the full cycle of medical equipment asset renewal	luan, xiaoxiao*; tian, yun	China
10	A1	CE Service Delivery I	A1.5	Design and Development of a Regional Medical Imaging Equipment Quality Control Sharing	Qin, Zhang*	China
197	A1	CE Service Delivery I	A1.6	Big Data-Driven Optimization of End-to-End Reagents Supply Chains: A Healthcare Practice	Chong, Cheng*	China
309	A2	CE Information Systems I	A2.1	Comparative analysis of the functionalities of clinical engineering management software in Brazil	Darold, Marcella*; Brandão, Mariana	Brazil
360	A2	CE Information Systems I	A2.2	Digital Management of Maintenance Work Orders for a health center in Peru	Caytano Melendez, Alexys*; Cieza, Leslie	Peru
135	A2	CE Information Systems I	A2.3	Design and Development of a Comprehensive Medical Device Lifecycle Management System	Zhang, Fengqin*; Wang, Xinxin; Wang,	China
329	A2	CE Information Systems I	A2.4	Construction and Practical Analysis of Information Management System for Full Lifecycle of Medical	luan, xiaoxiao*	China
156	A2	CE Information Systems I	A2.5	Inventory and Maintenance Management System for Medical Devices	Spahic, Lemana*; Softić, Adna ;	Bosnia & Herzegovina
22	A2	CE Information Systems I	A2.6	Application exploration of medical equipment management scenarios in the metaverse	Liu, Xiaochao*	China
53	A3	CE General Management I	A3.1	Reduction of Non-Quality Costs Associated with Medical Equipment Use Errors at Clínica Imbanaco	Muñoz, Karent*	Colombia
215	A3	CE General Management I	A3.2	Comparative Study of Medical Device Price System and Drug Price System	Xuebin, Chen*	China
330	A3	CE General Management I	A3.3	Medical Equipment Management System-Driven Digital-Intelligent Inventory Model: A Data-Centric	luan, xiaoxiao*; tian, yun	China
392	A3	CE General Management I	A3.4	Construction of an Evaluation Index System for Intelligent Quality Control Devices of Multi-	Zhāng, Jǐnhuá; Zhào, Jīng*	China
173	A3	CE General Management I	A3.5	Advanced Software for Budget Management and Strategic Analysis in Clinical Engineering	Montero de Espinosa Alés, Javier*;	Spain
21	A3	CE General Management I	A3.6	Deepseek Clinical application analysis of orthopedic diagnostic and treatment equipment	Liu, Xiaochao*	China
125	A4	CE Information Systems II	A4.1	Major Medical Equipment Dashboard: An Analytical Model for Technology Governance in	Mantione, Rocco*; Puleo, Greta	Italy
321	A4	CE Information Systems II	A4.2	Implementation of a Unified Medical Equipment Management and Vigilance System in Greece	Zisimopoulos, Spiliot*; Daskalaki,	Greece
331	A4	CE Information Systems II	A4.3	Digital Transformation of Medical Equipment Budget Management for High-Quality	luan, xiaoxiao*; tian, yun	China
67	A4	CE Information Systems II	A4.4	Strategic Management for Decision-Making in Medical Technology Investments: A Model for	Muñoz, Karent*	Colombia
131	A4	CE Information Systems II	A4.5	HTM framework - Closing the Information Gap and the National Health Data Strategy.	Khalaf, Abdelbaset*	Canada
372	A4	CE Information Systems II	A4.6	Information System for the Evaluation and Prioritization of Biomedical Equipment Renewal	IDRISSOU, Moubarack Aya Yao*;	Benin
193	A5	CE Service Delivery II	A5.1	Spare Part Availability Management Strategy HTM at KSMC Experience	Almushiti, Abdulmajeed	Saudi Arabia
191	A5	CE Service Delivery I	A5.2	Revolutionizing Healthcare Technology Management by Harnessing 3D Printing Solutions	Alshuthaili, Salem*	Saudi Arabia
393	A5	CE Service Delivery II	A5.3	Feasibility Analysis Between Preventive and Corrective Maintenance in Endoscopy Equipment:	Gonçalves, Alexandre*; Vieira,	Brazil
376	A5	CE Service Delivery II	A5.4	Issue of Laboratory Equipment Maintenance at the University of Abomey-Calavi	HOUSSOUVO, Codjo Roland; AGBALO,	Benin
361	A5	CE Service Delivery II	A5.5	Optimizing Radiotherapy Services at CREO through Internal Staff Engagement in Linear	Perez, Maria Flores*; Caverio, Juan	Peru
317	A5	CE Service Delivery II	A5.6	3D Printing for Medical Equipment Agility and Sustainability in Maintenance	Santos, Anderson *	Brazil
408	A6	CE Data & AI	A6.1	Artificial Intelligence to support Clinical Engineering CMMS for automated programming	Cravero, Silvio*	Italy
397	A6	CE Data & AI	A6.2	Development of a Web-Based System to Structure and Manage Biomedical Equipment Maintenance	Marquina, Marco Castillo*; Huane,	Peru
367	A6	CE Data & AI	A6.3	Intelligent Decision Support Systems for Hospital Technical Management	KINNOUEZAN, Chams Deen Ayinla*;	Benin
369	A6	CE Data & AI	A6.4	Development of an Intelligent Mobile Application for Visual Inventory of Biomedical Equipment and	IDRISSOU, Moubarack Aya Yao*;	Benin

373	A6	CE Data & AI	A6.5	Contribution of Artificial Intelligence to the Maintenance of Laboratory Equipment at the	HOUSSOUVO, Codjo Roland; AGBALO,	Benin
366	A6	CE Data & AI	A6.6	Towards CMMS 4.0: Digital Transformation of Biomedical Services in Hospital Settings	KINNOUEZAN, Chams Deen Ayinla*;	Benin
385	A7	CE General Management II	A7.1	Proposition on Hospital Asset Management: An Electronic Solution to Prevent Loss of Portable	Borges, Pedro*	Brazil
55	A7	CE General Management II	A7.2	Comprehensive Strategies in Biomedical Metrology Focused on Patient Safety	Muñoz, Karent*	Colombia
348	A7	CE General Management II	A7.3	Technology Observatories as a Supporting Tool for Health Technology Management	Darold, Marcella*; Brandão, Mariana;	Brazil
270	A7	CE General Management II	A7.4	Development and Implementation of a Medical Equipment Failure Report Management System at	Zavala , Alejandro*	Argentina
380	A7	CE General Management II	A7.5	Guide to the Strategic and Responsible Management of Medical Equipment	Ledesma Aguilar, Jose Ramon*	Spain
186	A7	CE General Management II	A7.6	Developing a MCDM Tool for the Comparative Assessment of Medical Devices	Mashaabi, Rian*; Nour, Majid; Hussain,	Saudi Arabia
432	B1	HT Innovation & Impact	B1.1	The World Health Innovation Forum (WHIF) Fellowship Program - Opportunities, Challenges	Mehta, Mohini*	India
13	B1	HT Innovation & Impact	B1.2	Quantitative Rapid Diagnostic Test (qRDT)	Silva, Ricardo*; Mulay, Anagha;	USA
109	B1	HT Innovation & Impact	B1.3	AI-Powered GPS-Enabled Smart Wristbands for Patient Navigation and Nationwide Health Data	Alfred, Roger G	India
6	B1	HT Innovation & Impact	B1.4	Innovative Trial Designs Using Tele-Holter Monitor To Meet Global Cardiovascular Risk Screening	Galvan, Pedro*; Ortellado, Jose;	Paraguay
250	B1	HT Innovation & Impact	B1.5	Healthcare Technology Foundation – Little Steps To Big Impact	Clark, Dan*	UK
395	B1	HT Innovation & Impact	B1.6	The OntoNova Prototype for AI-guided Design Platform for Healthcare Innovation	Hosea, Fred*; Aasman, Jans;	Ecuador
144	B2	HT Assessment and Evaluation	B2.1	Economic Analysis of New Robotic Surgical Platforms	Picozzi, Paola*, Cimolin, Veronica;	Italy
351	B2	HT Assessment and Evaluation	B2.2	Consistency evaluation of the clinical application effect of domestic and imported ultrasound	Xiong, Wei*; Sun, Fei; Sun, Jing; Feng, Jingyi	China
278	B2	HT Assessment and Evaluation	B2.3	Performance assessment of an oxygen concentrator developed in Peru: a study based on	Lopez, Andrea*; Huaman, Emilio;	Peru
300	B2	HT Assessment and Evaluation	B2.4	Bridging the Breast Cancer Care Divide: A Global Review of Diagnostics, Accessibility Gaps, and	Manoj, Rishi*; T S, Mohammed Sabeer;	India
424	B2	HT Assessment and Evaluation	B2.5	The Impact of Different Implants on Magnetocardiography Signals	WANG, YUN*; Li, Hailing; Wang, Bo; Li,	China
341	B2	HT Assessment and Evaluation	B2.6	Medical Device Regulation in Israel: A Two-Track Strategy for Early Adoption of Innovative Medical	Sheffer, Nadav*	Israel
275	B3	HT Innovation - AI, Digital Twins & Machine Learning	B3.1	Toward Smart Assistive Mobility: A Digital Twin Framework for Intelligent Rollator Design	Chen, Jialin*; Clos, Jeremie; price,	UK
281	B3	HT Innovation - AI, Digital Twins & Machine Learning	B3.2	Extended Reality & Machine Learning based Real-Time Endoscopic Procedure For Next Generation	Manoj, Rishi*; Sreeram, Muthyala	India
402	B3	HT Innovation - AI, Digital Twins & Machine Learning	B3.3	Opportunities and Challenges of Digital Twins for Patient Care	Sloane, Elliot*; Wickramasinghe,	USA
182	B3	HT Innovation - AI, Digital Twins & Machine Learning	B3.4	TRFC-net: A Deep Learning Solution to Elevate Inexperienced Residents' Trochanteric Region	Nie, Rui*	China
202	B3	HT Innovation - AI, Digital Twins & Machine Learning	B3.5	A Review of Pulmonary Tuberculosis Auxiliary Diagnosis Based on Deep Learning	zesen, pan*	China
198	B3	HT Innovation - AI, Digital Twins & Machine Learning	B3.6	Analysis of ventilator alarms based on machine learning	kai, sun*	China
183	B4	HT Innovation - AI, Machine Learning & VR	B4.1	The iLSTM model based on the improved starbird optimization algorithm is used for the prediction	Boliang Q*, Wenjie, Yu; Hongwen, Chen	China
166	B4	HT Innovation - AI, Machine Learning & VR	B4.2	Research on WeChat Platform Based on HAPA Theory for High Quality Continuity Rehabilitation	shi, weiwei*; gu, xiuwen; liu, lingyu	China
180	B4	HT Innovation - AI, Machine Learning & VR	B4.3	AI-Powered CSF Cytology System:A Clinical Approach for Mitigating Missed Diagnoses in	Zhang, Lei*; Zhou, Yuxi; Xu, Ying	China
359	B4	HT Innovation - AI, Machine Learning & VR	B4.4	DIVING: Diagnostic Immersive Imaging	Spinosa, Sandro*; De Summa, Marco ;	Italy
66	B4	HT Innovation - AI, Machine Learning & VR	B4.5	Diabetic Retinopathy Screening Telemedicine System Using Hybrid Function	Ali, Rawia*; Ahmed, Abuelgasim ;	Sudan
5	B4	HT Innovation - AI, Machine Learning & VR	B4.6	A Hybrid Deep Learning Approach for Enhancing Visual Perception in the Blind Using Vision	H R, Many*; Ullakhan, Asif	India
155	B4	HT Innovation - AI, Machine Learning & VR	B4.7	ASST Lecco & Artiness leading the cardiovascular revolution	Squara, Anna*; Marinelli, Paolo;	Italy
11	B5	HT Innovation - Device Development I	B5.1	Research on a Piezoelectric Acoustic Power Meter for Instantaneous Acoustic Power Detection in	wang, sheng geng*	China
299	B5	HT Innovation - Device Development I	B5.2	Development of a Maternal-fetal ECG Simulation System Based on Embedded Platform	WANG, YUSHENG*; zhao, shu	China

286	B5	HT Innovation - Device Development I	B5.3	High-end Intelligent Laparoscopic Systems : A Performance Evaluation Study	Huang, Erliang*; Xu, Pan; Yi, Lisha; Feng,	China
216	B5	HT Innovation - Device Development I	B5.4	Development and Application of a Rapid Optical Performance Testing Device for Medical Light	Liào, Xīn*; Lù, Xù; Sū, Línán	China
298	B5	HT Innovation - Device Development I	B5.5	A wearable tissue oxygen monitoring device for blood perfusion surveillance in flap transplantation	Lu, Ming*	China
350	B6	HT Innovation - Device Development II	B6.1	MOSY: “MY OXYGEN SYSTEM” Low-flow oxygen therapy device with automatic FiO2 and SpO2	Cieza Huane, Leslie Yessenia*; Venancio	Peru
161	B6	HT Innovation - Device Development II	B6.2	Robotic Oculomotor Simulator for EEG and EOG based Trigger for Motion Replication of Eye and	Manoj, Rishi*; Rani K, Usha; Naik, Suraj; V,	India
280	B6	HT Innovation - Device Development II	B6.3	Silicon chip-based receptor technology with nanomaterials-enhancement for application in the	Okhai, Timothy*; Snyman, Lukas;	South Africa
356	B6	HT Innovation - Device Development II	B6.4	Implementation of a customized platform for proposal and project management within a	Spinosa, Sandro*; Iachetti, Giulio; De	Italy
377	B6	HT Innovation - Device Development II	B6.5	Design and Production of a Respiratory Flow Controller	GOUDALO, Cédra*; HOUESOOUVO,	Benin
207	B6	HT Innovation - Device Development II	B6.6	Innovation in Emergency Cardiac Care: Development of an Auto-Working Portable	Al-Hammadi, Husam*	Yemen
247	B7	HT Assessment & Clinical Studies	B7.1	A Probabilistic Diffusion Framework for Detecting Academic Stress-Induced Abnormalities in ECG	Arenas Gonzalez, Weimar*; García,	Colombia
325	B7	HT Assessment & Clinical Studies	B7.2	Health Technology Management Analysis for Accessibility of Portable Medical Devices in	Brandão, Mariana*, Garcia, Renato	Brazil
162	B7	HT Assessment & Clinical Studies	B7.2	Clinical Validation and Commercialization Strategies for Beetroot Juice in Managing	Tanny, Umme Habiba*; Hossain,	Bangladesh
123	B7	HT Assessment & Clinical Studies	B7.3	Serum Leptin and Ghrelin as Biomarkers for Metabolic Syndrome in Zambian Adults with Type	GOMA, CHINDA*	Zambia
225	B7	HT Assessment & Clinical Studies	B7.4	Preclinical evaluation of a robotic ankle foot orthosis with different actuators for foot drop	Govindaraj, Gowri shankar*	India
92	B7	HT Assessment & Clinical Studies	B7.5	Artemisinin-based and non-Artemisinin-based combination therapies regimen for uncomplicated	MANDA KABONGO, Jun*	DRC
425	C1	Health Facility Planning & Design I	C1.1	Enhancing Hospital Accessibility for Blind and Low-Vision Visitors through a Hybrid Indoor Navigation	Dermitzakis, Aris; David, Yadin*	Greece
226	C1	Health Facility Planning & Design I	C1.2	Modern Infection Control Technology and Safe Patient Habitat: Integrated Approaches for	HOSSAIN, MD ANWAR*	Bangladesh
314	C1	Health Facility Planning & Design I	C1.3	Ensuring Ultra-Pure Water in Hospital Systems: A Critical Requirement for Patient Safety in	Islam Arif, Engr Md. Ariful*	Bangladesh
295	C1	Health Facility Planning & Design I	C1.4	Electromechanical Strategies to Strengthen Infection Control in CSSDs of Bangladeshi Public	Ahmed, Tanzeel*; Hossain, Md. Anwar;	Bangladesh
249	C1	Health Facility Planning & Design I	C1.5	The National Rehabilitation Centre – The role of clinical engineering in a new purpose-built rehab	Clark, Daniel*	UK
382	C1	Health Facility Planning & Design I	C1.6	Architecture of a cyber-physical system for operating room monitoring	HOUESOOUVO, Codjo Roland*; Kinnouezan	Benin
112	C2	Health Facility Planning & Design II	C2.1	Exploring the Application of New Technologies and Developments of Medical Sterilizers in Clinical	Wang, Yu*	China
264	C2	Health Facility Planning & Design II	C2.2	A PDCA-Based Strategy for Upgrading Medical Compressed Air Systems in Hospital Infrastructure	Zhang, He*; Zhong , Jingru; Xie, Zizhao;	China
283	C2	Health Facility Planning & Design II	C2.3	Quality Control and Risk Management of Medical Compressed Air Systems	Zhang, He*; Xie, Zizhao; Zhong, Jingru;	China
118	C2	Health Facility Planning & Design II	C2.4	Construction of specialized digital operating room empowered by artificial intelligence	Tang, Liping*; Liao, Zhengbu; Zhou, Rui;	China
260	C2	Health Facility Planning & Design II	C2.5	Planning & Implementation of a CT Trailer in an Canadian Acute Care Hospital	Mandot, Payal*; Whillans, Tomas	Canada
20	C2	Health Facility Planning & Design II	C2.6	Optimizing Multimodal MRI Layouts Dynamic Field Coupling for Safety & Compatibility	Liu, Xiaochao*	China
245	C3	Quality of Care & Patient Safety	C3.1	Error study of CBCT registration based on IGRT image in the positioning of lung cancer	Jun, Li*	China
209	C3	Quality of Care & Patient Safety	C3.2	Clinical application of fixing device for head diagnosis and treatment	Xú, Feng	China
243	C3	Quality of Care & Patient Safety	C3.3	Study TPS of the absolute dose change on the PD verification results	Jun, Li*	China
81	C3	Quality of Care & Patient Safety	C3.4	Current Status and Considerations on the Construction and Application of Perioperative	qiu, wencong*	China
38	C4	Medical Imaging	C4.1	Availability and Functionality of Diagnostic Imaging Modalities for Road Traffic Crash Injury	Bart- Plange, Akofa*; Bour, Bright; Geletu,	Ghana
407	C4	Medical Imaging	C4.2	Evaluation of AI Software applied to Mammography Screening	D'Amato, Maria Federica; Cravero,	Italy
409	C4	Medical Imaging	C4.3	Rapid AI-Based Echocardiographic Screening Test (Rest): Impact Assessment and Sustainability	Orsi, Giorgio*	Italy
153	C4	Medical Imaging	C4.4	Artificial Intelligence for Breast Cancer Screening: A Multi-Criteria Decision Analysis Approach at	Beltrami, Anna*; Felicione, Adriano;	Italy



273	C4	Medical Imaging	C4.5	Preliminary Evaluation of the Energy Consumption of MRI Systems	Nocco, Umberto*; Pezzillo, Andrea;	Italy
174	C4	Medical Imaging	C4.6	First Spanish Hospital Certified in ISO 27001 for PACS and VNA Systems	Sanmartín Sierra, Jose Domingo*;	Spain
273	C5	Facility-related Interventions	C5.1	Preliminary Evaluation of the Energy Consumption of MRI Systems	Nocco, Umberto*; Pezzillo, Andrea;	Italy
54	C5	Facility-related Interventions	C5.2	Implementation of a Clinical Alarm Management Program for Early Detection of Patient at Clínica	Muñoz, Karent*	Colombia
352	C5	Facility-related Interventions	C5.3	Development of a testing protocol (PMS) for Pulmochip: a medical device that determines the	Sifuentes Llatas, Mauricio*; Cieza	Peru
381	C5	Facility-related Interventions	C5.4	Implementation of an Intelligent Monitoring System for Pressure and Flow in a Medical Gas	HOUESSOUVO, Codjo Roland*; Moubarak,	Benin
358	C5	Facility-related Interventions	C5.5	“GREEN” Guided Reduction of Energy for Efficient Nuclear Imaging	Spinosa, Sandro*; De Summa, Marco;	Italy
387	C5	Facility-related Interventions	C5.6	Design and Production of a Carbon Monoxide meter for an incineration facility-COMA	HOUESSOUVO , Roland ;	Benin
371	C5	Facility-related Interventions	C5.7	The evaluation of an automated environmental quality control device developed and designed in	HOUESSOUVO, Roland C.; CRECEL,	Benin
344	D1	System Interventions	D1.1	From Access to Action in Leveraging Virtual Learning to Enhance Health Technology Planning	Felix, Jn Claude *	Haiti
160	D1	System Interventions	D1.2	Designing Safer Systems: A Methodological Framework for Conceptualizing Intelligent Medical	Torres, Joao*; Boggio, Catherine;	Peru
337	D1	System Interventions	D1.3	Development of a Medical Device Management Education System Based on the Knowledge of	INAGAKI, DAISUKE*	Japan
259	D1	System Interventions	D1.4	Alarm Fatigue – A new global survey of the impact on clinical practice and patient safety	Clark, Dan*; Phillips, JoAnne	UK
163	D1	System Interventions	D1.5	Electronic Health Records - a new “partnership of trust” and responsibility – the requisite	Fitton, Richard P*	UK
149	D1	System Interventions	D1.6	Cybersecurity Aftershock: How a Crisis Became a Catalyst at ASST Lecco	Marinelli, Paolo; Panzeri, Simone; Beri,	Italy
164	D2	Policy, Discipline & Inclusion	D2.1	Approaches to Building a Discipline of CE: From Research-Driven Professional Competency	Li, bin*	China
271	D2	Policy, Discipline & Inclusion	D2.2	The Role of the International Federation for Medical and Biological Engineering and China in	Calil, Saide*; David, Yadin	Brazil
100	D2	Policy, Discipline & Inclusion	D2.3	Procurement of Medical Devices and in the Age of Rapid Technological Advancement	Alfred, Roger G*	India
349	D2	Policy, Discipline & Inclusion	D2.4	Necessity to build awareness universities in lower resource countries like Bangladesh concerning	-Amin, Al; Md. Anwar , Hossain*	Bangladesh
428	D2	Policy, Discipline & Inclusion	D2.5	IFMBE CED Working Groups Initiative - framework and progress update	Hosea, Fred*	Ecuador
261	D2	Policy, Discipline & Inclusion	D2.6	Exploration of Opportunities, Challenges and Paths for the Development of Clinical Engineering	Zhèng, Jiāxīn*; Lù, Hèqíng	China
95	D3	Training & Education for Next-Gen CE	D3.1	Innovative Training Model for Clinical Engineering Education: The Tshwane University of Technology	Okhai, Timothy*	South Africa
354	D3	Training & Education for Next-Gen CE	D3.2	Translating Clinical Simulation Methodology into Biomedical Engineering Training	Cieza Huane, Leslie Yessenia*; Mautino	Peru
213	D3	Training & Education for Next-Gen CE	D3.3	The Essential Role of On-Demand AI Tutors for Clinical Engineers in Advancing Healthcare Safety	Silva, Ricardo*; Bustos, Thomas;	Spain
158	D3	Training & Education for Next-Gen CE	D3.4	Empowering Clinical Engineers Through Active Listening - The VOC Training Strategy	Moreira Simionato, Filipe*; Venancio	Brazil
430	D3	Training & Education for Next-Gen CE	D3.5	Clinical Engineering Training in the USA	Painter, Frank	USA
99	D3	Training & Education for Next-Gen CE	D3.6	Artificial Intelligence on Clinical Engineering: Redefining the Body of Knowledge and Practice	Martinez-Licon, Fabiola*; Martinez-	Mexico
277	D4	Quality Assurance & Patient Safety	D4.1	Research on Quality Control of Reprocessing for Medical Flexible Endoscopes	Bai, Pengkai*; Huang, Zumin; Xie, Hai;	China
157	D4	Quality Assurance & Patient Safety	D4.2	Automated Performance Prediction for Mechanical Ventilators and Anaesthetic Machines	Dlakić, Velid; Spahic, Lemana*; Gurbeta	Bosnia & Herzegovina
374	D4	Quality Assurance & Patient Safety	D4.3	Alarm management on medical equipment in intensive care rooms : neonatology, operating	HOUESSOUVO, Codjo Roland; AGBALO,	Benin
252	D4	Quality Assurance & Patient Safety	D4.4	Definition of a Laboratory Equipment Management Strategy	SOROHEY, Pascal*	Benin
340	D4	Quality Assurance & Patient Safety	D4.5	Impact of device age on phototherapy performance for the treatment of neonatal	Anderson, David *; Wellington, Van;	Ghana
375	D4	Quality Assurance & Patient Safety	D4.6	The development of a quality control device for the wavelength of light emitted by lamps used in	Houessouvo , C. Roland; GANDONOU	Benin
323	D5	Women in CE: Inclusion & Impact	D5.1	Social Media for the democratization of knowledge and accessibility in Clinical Engineering	Brandão, Mariana*; Ferreira, Sonia	Brazil
40	D5	Women in CE: Inclusion & Impact	D5.2	Women in Clinical Engineering	Zaman, Nata*	UK

391	D5	Women in CE: Inclusion & Impact	D5.3	Growing Together: Enriching the Experience of Young Engineers in Kuwait	Al-Awadhi, Hanan*	Kuwait
27	D5	Women in CE: Inclusion & Impact	D5.4	Bridging the Gap: Female Clinical Engineers and the Path to Gender-Inclusive Industry Innovation	Yang, Fang*	China
219	D5	Women in CE: Inclusion & Impact	D5.5	Unique Contributions of Women in Medical Physics and Biomedical Engineering: Breaking	Mank'aa, Ambesi *; Njimbong, Bih	Cameroon
26	D6	CE Societies, Alliances & Strategy	D6.1	Engineering Leadership in Global Alliance: Cultivating Generation of C.E. for Worldwide	David, Yadin*	USA
311	D6	CE Societies, Alliances & Strategy	D6.2	Biomedical Engineering Education, Career Paths and Manpower Development in Sub-Saharan	Enyi, Emmanuel*	Nigeria
103	D6	CE Societies, Alliances & Strategy	D6.3	The Role of Clinical Engineering Societies in Advancing Africa's Health Technology Ecosystem	Irorobeje, Emmanuel*	Nigeria
137	D6	CE Societies, Alliances & Strategy	D6.4	The project of clinical engineering development strategy in Poland	Ewa Zalewska	Poland
312	D6	CE Societies, Alliances & Strategy	D6.5	Activities and Achievements of the Japan Association for Clinical Engineers' Industry-	KATO, HIROSHI*	Japan
338	D6	CE Societies, Alliances & Strategy	D6.6	Founding the First Biomedical Engineering Society of Afghanistan	Karim, Maria*; Majrooh, Dr Wahid;	Afghanistan
411	D6	CE Societies, Alliances & Strategy	D6.7	The Profile of the Clinical Engineer in Brazil	Gama, Ana*	Brazil
93	D7	Credentialing & Accreditation for Global CE	D7.1	Are we doing enough to develop global clinical engineering capacity	David, Yadin*	USA
52	D7	Credentialing & Accreditation for Global CE	D7.2	Global Biomedical Engineering Program (GBEP): Establishing Standardized Career Pathways for	Alsohime, Omar*	Saudi Arabia
237	D7	Credentialing & Accreditation for Global CE	D7.3	Professional Credentialing and Accreditation of Biomedical Engineers in Thailand: A Two-Tier	Senavongse, Wongwit*	Thailand
32	D7	Credentialing & Accreditation for Global CE	D7.4	Clinical Engineering Accreditation; The way forward for a quality Health Technology	Al Fadel, Hashem*	Jordan
222	D7	Credentialing & Accreditation for Global CE	D7.5	Global Clinical Engineering Accreditation Program	Alam, Adeel; Al Fadel, hashem*; Ngoie,	Jordan
16	D7	Credentialing & Accreditation for Global CE	D7.6	GCEA Global CE Accreditation Program and Digital Health	Judd, Thomas*	USA
265	E1	Preparedness Challenges	E1.1	Risk management, regulations and disaster preparedness	Matamoros, Freddy*	Ecuador
414	E1	Preparedness Challenges	E1.2	Deployment of a full BSL-4 hospital for managing health emergencies related to highly infectious	Orsi, Giorgio*	Italy
284	E1	Preparedness Challenges	E1.3	Expanding the Role of Clinical Engineers: Enhancing Home Medical Device Safety and	Watanabe, Ichiko*	Japan
320	E1	Preparedness Challenges	E1.4	Survey on the Preparedness of Hospitals and Welfare Shelters for Power-Dependent Patients in	Hirayama, Takahiro*	Japan
105	E1	Preparedness Challenges	E1.5	Clinical Engineer's Role in Hospital Disaster	Wear, James*	USA
17	E1	Preparedness Challenges	E1.6	From Crisis to Renaissance; Biomedical Engineers and the Revival of Hemodialysis Services in Sudan	Eisa Idris , Badria*; Esmail, Mohammed	Sudan
302	E2	Medical Oxygen Challenges	E2.1	Development of a Self-Audit and Regulatory Tool for Health Facilities Administering Medical Oxygen	Bukhari, Tazeen*	Pakistan
287	E2	Medical Oxygen Challenges	E2.2	Medical Oxygen infrastructure project in Kenya	Anyango, Philip*; Ndaga, Angela	Kenya
217	E2	Medical Oxygen Challenges	E2.3	New Dawn for Oxygen at the Last Mile: How Oxygen as a Service is Transforming Rural	Rugut, Joseph*	Kenya
175	E2	Medical Oxygen Challenges	E2.4	Monitoring Water Levels in Humidifier Bottles during Oxygen Therapy	Nansereko, Maria Regious*	Uganda
399	E2	Medical Oxygen Challenges	E2.5	Strengthening Oxygen Supply Systems in Small Island Healthcare: A Case for Onsite Generation at	Judd, Thomas*; Charles, Kenecia	USA
220	E2	Medical Oxygen Challenges	E2.6	Increasing Access to Medical Oxygen in Remote Areas in Uganda	Piwun, Solomon*	Uganda
210	E3	CE/HTM LMIC Innovations	E3.1	Pul Alliance and GCEA: Partners in Digital Transformation for the Last Mile	Judd, Thomas*; Kohli, Manish	USA
61	E3	CE/HTM LMIC Innovations	E3.2	Designing a containerized Public Health laboratory solution for Madagascar Ministry of Health	Di Virgilio, Valerio*; Figueroa Garcia, Cecil	Italy
431	E3	CE/HTM LMIC Innovations	E3.3	Innovations in Disaster Preparations	Painter, Frank	USA
394	E3	CE/HTM LMIC Innovations	E3.4	Pulpi: A Pediatric-Specific ECG Monitoring Innovation to Bridge Gaps in Clinical Engineering	Unsihuay, Nicole*; Mautino, Maria;	Peru
276	E3	CE/HTM LMIC Innovations	E3.5	Indigenous capacity building in healthcare technologies in resource-scarce countries - based	Rabbani, Khondkar*	Bangladesh
24	E3	CE/HTM LMIC Innovations	E3.6	Effect of preventive maintenance of medical equipment in maternity and neonatal units in	Mwumvaneza, Jean Claude*	Rwanda
263	E3	CE/HTM LMIC Innovations	E3.7	Bubble Continuous Positive Airway Pressure (CPAP) device for remote areas with unreliable	Bah, Cherno *	Gambia

433	E4	CE/HTM Challenges in LMICs	E4.1	The International Clinical Engineering Corps (ICEC) - background, progress and status quo	Mehta, Mohini*	India
398	E4	CE/HTM Challenges in LMICs	E4.2	The Critical Role of Timely Repair of Medical Equipment in Enhancing Healthcare Delivery in	Ashrafuzzaman, Md.*; Hassan, Md	Bangladesh
282	E4	CE/HTM Challenges in LMICs	E4.3	Clinical Engineering & Health Technology Management in Low-Resource Regions: An	HOSSAIN, MD ANWAR*	Bangladesh
185	E4	CE/HTM Challenges in LMICs	E4.4	Healthcare Technology Management in Kenya: Case Study, Pumwani Maternity Hospital	MWAURA, SALOME*	Kenya
304	E4	CE/HTM Challenges in LMICs	E4.5	Relationship between Quality Defects Identified Through Visual Inspection and Performance	Flores de Barriere, Karina Lucía*	El Salvador
227	E4	CE/HTM Challenges in LMICs	E4.6	Community-Based Medical Device Management System for Healthcare Facilities in Resource-	Mank'aa, Ambesi *	Cameroon
336	E4	CE/HTM Challenges in LMICs	E4.7	Establishing Clinical Engineering Solutions in Resource-Scarce Settings: The Case of Phalombe	Chiponde, Kondwani*	Malawi
142	E5	HTM Lifecycle Challenges	E5.1	Optimizing Medical Equipment Effectiveness and Sustainable Management in Low-Resource	Atoshvili, Andro*; Sanikidze, Zurab	Georgia
251	E5	HTM Lifecycle Challenges	E5.2	Smart Decommissioning: A Circular Economy Approach to Medical Equipment Lifecycle	Ahmad, Mohiuddin*; Ahmad, Maruf;	Bangladesh
403	E5	HTM Lifecycle Challenges	E5.3	Managing Donated Medical Equipment in LMICs: Towards Sustainable Use, Local Ownership, and	Alooh, Millicent*	Kenya
370	E5	HTM Lifecycle Challenges	E5.4	Publication of the first edition of a “Handbook of biomedical procedures for low-resource settings”	Delaspre, Clarisse; Leduby, Jo; Ligot,	France
106	E5	HTM Lifecycle Challenges	E5.5	Improving Electrical Safety of Medical Devices in Operating Rooms in Low-Resource Settings: A	Adjimehossou. Eudes	Togo
98	E5	HTM Lifecycle Challenges	E5.6	Institutional Networking and Pull Procurement Among Teaching Hospitals to Restore MRI	Boadu, George*	Ghana
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62	E6	HTA Challenges in LMICs	E6.2	Sustainable Procurement Strategies for Medical Devices	Di Virgilio, Valerio*	Italy
63	E6	HTA Challenges in LMICs	E6.3	The Role of Needs Assessment in Sustainable Medical Equipment Procurement in LMICs	Di Virgilio, Valerio*	Italy
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365	E6	HTA Challenges in LMICs	E6.5	Review of the global Inequities GAP in Health Technology Assessment Research Through a	Brice, Dassaëve *	Haiti
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