

PROGRAM

INTERNATIONAL CONFERENCE IN INFORMATION SYSTEMS & MEDICINE - ICISMED'25

3 and 4 APRIL 2025

Autonomous University of Chile

Santiago, Chile

Time Zone: (GMT - 03:00) Santiago

DAY 1: THURSDAY 3 OF APRIL - 14:30 TO 18:30	
14:30 - 14:45	Welcoming Remarks - Virtual Presentation Chair: António Abreu (ICISMED'25 General Chair)
ROOM 1 code: icismed25	<p>João Vidal Carvalho, Polytechnic University of Porto & ICISMED'25 General Chair</p> <p>Iván C. Suazo Galdames, Vice-Rector for Research and Doctoral Studies, Autonomous University of Chile</p>
14:45 - 16:30	Keynote Speakers presentations - Virtual Presentation Chair: Rui Castanho
ROOM 1 code: icismed25	<p>Mairena Sánchez López is a Full Professor at the Faculty of Education of the University of Castilla-La Mancha, Spain, and researcher at the Center for Socio-Health Studies. Author of scientific publications on the effect and relationship between physical exercise and health in different population groups</p> <p><i>Incorporating Physical Activity in the Classroom: MOVI Projects</i></p> <p>Vicente Martínez-Vizcaíno Specialist in family medicine and Director of the Centre for Social and Health Studies at the University of Castilla-La Mancha, and principal investigator of the MOVI project on physical activity in schools and the HASIC project on active ageing through the Internet. He has more than 400 publications in mainstream journals.</p> <p><i>Physical Activity in the School Environment: From Evidence to Experience</i></p>
16:30 - 17:00	<i>Break</i>

17:00 - 18:30 Session 1 - Virtual Presentation HEALTHCARE AND WELLBEING Chair: Mafalda Duarte	
ROOM 1 code: icismed25	<p>44 Ejercicio que transforma: Impacto del entrenamiento en la composición corporal. Un estudio de caso <i>Felipe Hermosilla Palma; Karina Morales Sandoval; Francisca Leyton Campos</i></p> <p>47 Quality of life and mandibular fracture in older adults <i>Ivette López Hernández; Denia Morales Navarro; Alain Manuel Chaple-Gil</i></p> <p>83 Relationship of nutrition to the subjective wellbeing and food security of Chilean children <i>Cristóbal Dauvin; Denise Oyarzun; Carme Montserrat</i></p> <p>87 Computer Vision-assisted Tele-diagnosis System for Physical Therapy <i>Joe Carrion-Jumbo; Cecilia Jaramillo Jaramillo; Javier Montalvo Santos; Lesly Montenegro Cevallos</i></p> <p>98 Traditional medicine knowledge and its contribution to sustainable development <i>Orietta-Barriga; Giovanna Cuneo-Alvarez; Juana D. C. Bedoya-Chanove; Rina Alvarez; Ángel Acevedo-Duque</i></p> <p>105 FRAILSURVEY: Contributions to digital monitoring frailty condition in older people <i>Mafalda Duarte; Luís Midão; Elísio Costa; Paúl Constança; Maria Pina</i></p>
Session 2 - Virtual Presentation HEALTH INNOVATIONS AND RESEARCH Chair: Agostinho Sousa Pinto	
ROOM 2 code: icismed25	<p>31 Autoimmune complications in Long COVID in a patient with Hepatitis C <i>Lilian Camaño-Carballo; Aracelly Fernanda Núñez-Naranjo; Maité Mirabal Valdés; Raúl A. Ferrán -Lazo; Alejandro Lorenzo-Hidalgo</i></p> <p>53 Relación de la Fragilidad y Calidad de Vida en una comunidad de Adultos Mayores en el Norte de Portugal <i>Alfonssina Niebla-Cárdenas; Gilvan Pacheco; Duarte Mafalda</i></p> <p>65 Identification of dental implant brands with Deep Learning <i>Diana Cardoso; Hélder Pinto; Marcelo Nogueira; La Salete Alves</i></p> <p>92 Case Studies on Enhancing Memory and Communication in People with Dementia through an Interactive Calendar <i>Renata Araújo; Suzana Dias; Sandro Carvalho</i></p> <p>100 Can AI Generate Reliable Medical Images? A Semiotic Analysis of Nephrology Illustrations from DALL-E <i>Agostinho Sousa Pinto; António Abreu; Manuel Pérez Cota; Jerónimo Paiva; Laís Vieira</i></p> <p>109 Digital Healthcare Solutions: Addressing the Overload of the Chilean Health System through Home Care Platforms <i>Juan Carlos Armijos, David Álvarez-Maldonado, Pamela Andrea Peralta, Carolina Marín</i></p>
DAY 2: FRIDAY 4 OF APRIL - 09:00 TO 18:30	
09:00 - 10:30 Session 3 - Virtual Presentation HEALTH EDUCATION Chair: Ana Branca Carvalho	
ROOM 1 code: icismed25	<p>40 Microcredentials in dental education to improve employability of Latin American universities. A Systematic Review; <i>Alain Manuel Chaple Gil; Iván Claudio Suazo Galdames; Meylin Santiesteban-Velázquez</i></p> <p>56 Methodology for the training of practical skills in left-handed people on Dentistry Career <i>Ana Belkys Hernández Millán; Félix Alberto Companioni Landin; Nivaldo Hernández Mesa; Andrés Orestes Pérez Ruiz; Alain Manuel Chaple Gil; Liliana Paz Millán</i></p> <p>57 Digital skills needed for medical education. A systematic Review <i>Ivan Suazo Galdames; Alain Chaple-Gil</i></p> <p>77 Effectiveness of simulation and gamification as learning tools in medical education. A systematic review and meta-analysis <i>Iván Suazo; Alain Chaple-Gil</i></p>

	<p>97 Riesgos Psicosociales Laborales y Salud Mental en Docentes Universitarios: Evidencia Empírica con Perspectiva de Género desde el Modelos de Karasek y Butler <i>Sandra Alcina; Ángel Acevedo Duque; Irma Verges; Elena Cachicatari-Vargas</i></p> <p>111 Virtual Platform for the Accompaniment and Counseling of Careers of People with Huntington's Disease <i>Eleonora Santos; Maria João Castro</i></p>
ROOM 2 code: icismed25	<p>Session 4 - Virtual Presentation TECHNOLOGICAL SOLUTIONS FOR CARE AND CAREGIVERS Chair: Maria Carlos Lopes</p> <p>33 Impacto del turismo de inmersión sensorial natural en el equilibrio emocional y la reducción del estrés percibido: Un enfoque con Shinrin Yoku y escalas de evaluación afectiva <i>Josselyn Andrea Ordoñez Romero; Brandon Eduardo Nole Zhingre; Oswaldo Bladimir Copara Chancusi</i></p> <p>38 Development and Validation of a Chatbot Simulation for Respiratory Assessment and Diagnosis in Physiotherapy Education <i>Andrea Ribeiro; José Lumini; João Sousa</i></p> <p>41 PediaMouv: Guiding Healthy Posture and Motion Through Play <i>Maria Martins; Andrea Ribeiro</i></p> <p>50 Strengthening the Statistical Validity of Clinical Data in Medicine: Linear Scaling of Contingency Tables <i>Matilde Ines Cesari; Santiago Pérez</i></p> <p>64 A Hybrid Approach Based on Clustering and Association Rules to Analyze Sociodemographic Profiles Related to Newborn Health and Well-being <i>Ricardo Morsoleto; Maria Clara Batista; Hiran Nonato Macedo Ferreira; Vinícius Alves Silva; Simone Mara Ferreira Miranda; Juliano de Souza Caliar</i></p> <p>99 Mobile Application Applied to Visual Impairments: Security Risks and their Influence on the Quality of Life <i>Tiago Castro; Marisa Pinheiro; João Carlos Silva; Sandro Carvalho; Paulo Teixeira</i></p>
10:30 - 11:00	<i>Break</i>
11:00 - 12:30	<p>Session 5 - Virtual Presentation ARTIFICIAL INTELIGENCE IN HEALTH Chair: Luis Sardinha</p>
ROOM 1 code: icismed25	<p>34 Knowledge and attitudes about artificial intelligence in Cuban health professionals and students <i>Alain Manuel Chaple Gil; Meylin Santiesteban-Velázquez; Maicel E. Monzón-Pérez; Kelvin Ian Afrashtehfar</i></p> <p>58 The Impact of AI Implementation on Healthcare Workers' Satisfaction and Performance <i>Iván Suazo; Alain Chaple-Gil</i></p> <p>59 The Impact of Artificial Intelligence on Healthcare Professions: Automation and Job Displacement Risks <i>Ivan Suazo; Alain Chaple-Gil</i></p> <p>67 AI-Supported Mental Health Interventions for Academics: Lessons from Virtual Meetings <i>Carlos Bonin; Ana Pereira; Carlos Soares</i></p> <p>68 Aplicaciones de la IA en la Gestión de Abastecimiento Sanitario: Una Revisión Sistemática <i>Katiuska Lídice Reynaldos-Grandón; Constanza Alcayaga Ríos, Pedro Barrera Rodriguez, Magdalena Neves Jimenez, Julio Nunez Castro, Tatiana Orellana Gomez, Fernanda Valdes Rivera, Javier Rojas-Avila</i></p>
ROOM 2 code: icismed25	<p>Session 6 - Virtual Presentation HEALTH PROFESSIONALS AND STUDENTS Chair: Adriana Oliveira</p> <p>51 Prevalencia de la depresión en estudiantes de la carrera de enfermería del Instituto Superior Tecnológico Universitario ISMAC en el periodo educativo 2024-2025 <i>Lucia Denisse Furlan Garcia; Alex Patricio Artieda Guerra; Jennifer Estefania Mogollon Toapanta</i></p>

	<p>54 Estrés de los Estudiantes de la carrera Técnico Superior en Enfermería y Estrategias de afrontamiento al inicio de sus prácticas pre profesionales durante el periodo enero - diciembre 2024 <i>Aguiza Michelle; Juna Christian; Proaño Luisa</i></p> <p>55 Effects of TECAR Therapy on hamstring flexibility, force and postural control in young university students <i>José António Lumini; Ana Filipa Vieira; Daniela Pinheiro; Mónica Gomes; Raquel Maciel; Andrea Ribeiro; João Sousa</i></p> <p>74 Reader brochure as a strategy to improve reading comprehension in education <i>Eulalia Beatriz Becerra Garcia; Alba de los Cielos Miranda Villacís; Paola Vanessa Navarrete Cuesta; Daniela Alexandra Ríos Hurtado; Diana del Rocío Pazmiño Medina</i></p> <p>82 Emotions in Software Development Technology Careers <i>Diego Máiquez; Mariela Córdor; Bryan Ocaña</i></p> <p>84 Health communication: assessment of user satisfaction with communication with health professionals <i>Adriana Oliveira; João Paulo Martins; Maria José Santos; Rita Estrada; António Abreu</i></p>
12:30 - 14:30	Break
14:30 - 16:30	<p>Session 7 - Virtual Presentation INNOVATIVE SOLUTIONS IN HEALTH SECTOR Chair: Milena Carvalho</p>
<p>ROOM 1 code: icimed25</p>	<p>30 Can Cross-Border Cooperation Improve Health Resources Equipped with Hemodynamic Units in the Portuguese-Spanish Border Region? <i>Rui Alexandre Castanho; José Manuel Naranjo Gómez; José Cabezas Fernández; Luís Loures; Fabricio Pelloso Piurcosky; Paulo Ferreira; Fernando Rebola</i></p> <p>48 Significates that Underlie the Concept of “Person with Autism” Analysis from an Approach Using Natural Semantic Networks in health students <i>Nathaly Vera; Pablo Müller; Juan Carlos Beltrán</i></p> <p>78 Registration between Histological and Hyperspectral Images for Thyroid Cancer Diagnosis <i>Junio Cezar Costa; Joaquim Cezar Felipe</i></p> <p>86 Alteration of physiological, neurocognitive and psychological functions in women diagnosed with breast cancer: a narrative review <i>Cristián Barros-Osorio; Érica Villoria; Elena Cachicatari-Vargas; Rina Álvarez-Becerra; Amelia M. Morillas Bulnes</i></p> <p>91 Haitian women experiences over reproductive health in Santiago, Chile. Anti negro racism, during the delivery health care <i>Andrea Avaria; Camila Plaza</i></p> <p>101 Clinical Assessment and Evolution of Distal Ischemia HAIDI - Steal Syndrome and High-Flow Fistula: A Case Study <i>Rita Amaral; Artur Rocha; Alvaro Rocha</i></p> <p>110 The Relationship Between Satisfaction with Waiting Times and Perception of Cost in Health Services <i>Juan Carlos Armijos, Marco Antonio Araya Fernández, Fernanda Daniela Villagrán Alarcón, Fernando Mejido</i></p>
<p>ROOM 2 code: icimed25</p>	<p>Session 8 - Virtual Presentation MANAGEMENT IN HEALTH INDUSTRY Chair: Helena Costa Oliveira</p> <p>62 Contexto Hospitalar: Mapeamento de uma Unidade Multiprofissional por meio da Gestão de Design <i>Carolina Savioli Marques Tavares; Giselle Schmidt A. Diaz Merino; Amalia Kusiak Martinez; Luiza Martins Faria</i></p> <p>63 A integração entre Design de Serviço e Gestão de Design na prática de Terapeutas Ocupacionais no contexto hospitalar <i>Amalia Kusiak Martinez; Giselle Schmidt Alves Diaz Merino; Ana Karina Pessoa da Silva Cabral; Carolina Savioli Marques Tavares; Débora Evelin Felix Quirino de Almeida; Juliana Prestes Ferigollo; Daniela Locindo Souto; Irandir Izaquiel Paulo; Eugenio Andrés Díaz Merino</i></p> <p>88 Impact of AI on Internal Control and Risk Management Systems in Ecuador <i>Juan Salazar-Mera; Aracelly Fernanda Núñez-Naranjo; Tania Morales-Molina</i></p>

	<p>89 A Bibliometric Analysis of Decision-Making in Healthcare Management <i>Helena Costa Oliveira; Isabel Maldonado; Carmem Oliveira; João Vidal Carvalho</i></p> <p>102 Public Health Systems in Brazil and Portugal: Organization and Challenges <i>Cíntia Soares; João Neto; Amélia Silva</i></p> <p>103 Nutrition Software to the Management and Support of Health and Wellness: Proposal and Potential Security Risks <i>Tiago Veiga; Sandro Carvalho; João Carlos Silva; Paulo Teixeira</i></p> <p>106 Liquid Waste Management in Endoscopic Urological Surgery – Estimation of Environmental and Financial Impact <i>Patrícia Santos Sequeira; Carmen Oliveira; Helena Costa Oliveira</i></p>
16:30 - 17:00	Break
17:00 - 18:30	<p>Session 9 - <u>Virtual Presentation</u> HEALTHCARE SOLUTIONS Chair: Maria José Angélico</p>
<p>ROOM 1 code: icismed25</p>	<p>49 Adaptación e integración de un sistema de monitoreo de signos vitales para dispositivos médicos utilizados elementos bajo recursos <i>Carla Becerra; Joselyn Pilicita; Karla Bahamonde; Edwin Machay</i></p> <p>52 Aging and Pharmacological Therapy: prevalence of the most used pharmacological groups in a group of elderly people from the Senior University of Amares (Portugal) <i>Daniela Gonçalves; Andrea Ribeiro; Cláudia Fernandes; Tânia Lima; Gilvan Pacheco; Gardénia Ferreira; João Sousa</i></p> <p>72 Approach to an Innovative Model for HealthCare Monitoring, ensuring efficiency, quality and sustainability of services <i>Firmino Oliveira da Silva; Helena Isabel Marques Gonçalves; Manuel Godinho; Filipe Maçães</i></p> <p>73 The Formation of Assets in Family Health Units – A Case Study <i>Ana Branca Da Silva Soeiro De Carvalho; Ana Teresa Guia; Susana MSR Fonseca; Casimiro Correlo; Marisa Nunes; Milena Carvalho; Susana Martins</i></p> <p>93 Oral health financing in Portugal and its impact on household budgets <i>Gisela Cotrim; Liliana Martins; Rita Marques; Andreia Luis; Marta Correia Sampaio; Stéphanie Monteiro</i></p> <p>108 Virtual Platform for the Accompaniment and Counseling of Careers of People with Huntington's Disease <i>Liliana Gonzalez-Palacio; Mauricio Gonzalez-Palacio; John Garcia-Giraldo; Luz Varela; Alejandro Peña; Joao Vidal Carvalho</i></p>
<p>ROOM 2 code: icismed25</p>	<p>Session 10 - <u>Virtual Presentation</u> DIGITAL HEALTH TECHNOLOGIES Chair: Sandro Carvalho</p> <p>36 Utilization and Acceptability of Digital Health Technologies in Musculoskeletal Physical Therapy: A Survey of Portuguese-Speaking Physical Therapists <i>Andrea Ribeiro; José Lumini; Maria Martins; Mafalda Duarte; João Sousa; Felipe Santa Rita; Francisco Esteves</i></p> <p>39 The position of internet and social networks in physiotherapy <i>Silvia Xavier; Cyril Chauche; Léo Metivier; Maxime Orliange; Sasha Quilleré; Andrea Ribeiro; João Neves</i></p> <p>46 Healthcare Systems, Digital Transformation and Workplace Safety <i>Eleonora Santos; Milena Carvalho</i></p> <p>61 Integración de Internet de las Cosas y Computación en la Nube en Entornos Hospitalarios: Un Estudio Bibliográfico sobre Innovaciones, Desafíos y Mejora de la Atención Médica <i>Víctor Hugo Capacho Alfonso; Jovani Alberto Jimenez Builes; Dario Enrique Soto Durán</i></p> <p>81 Technological Solutions for Surgical Waiting List Optimization: Case Study <i>Bernardo Nascimento Teixeira; Rui Ribeiro dos Santos; Joana Mourão; Donzília Sousa Silva; Cláudia Belo Ferreira; Carlos Galamba; Sandra Cavaca; Eurico Castro Alves</i></p> <p>104 Cybersecurity in Health Sector – Digital Maturity, Concerns and Mitigating Measures <i>Adriana Macedo; João Silva; Sandro Carvalho; Paulo Teixeira</i></p>