

14th ACENDIO Conference: Nursing-generated data: predictive analytics and eHealth strategies

Full program March 16th 2023

Time	Pre-Function Area	Main Hall (Plenary sessions)	Blue room	Room 2	Red room
14.00 – 15.00	Registration				
15.00 – 15.40		Special opening event (do not miss it!) Welcome by Prof. Gianni Profita , UniCamillus Dean; Dr. Maurizio Zega , President of the National Federation of Nursing of Rome and Prof. Dr. Maria Müller Staub , ACENDIO President Information by Helen de Graaf-Waar and the Local Organization Committee (LOC)			
15.40 - 17.00	15.40	eHealth, Terminologies and Artificial Intelligence Chaired by LOC: Fabio D'Agostino, Gianfranco Sanson, Valentina Zeffiro			
	15.45	Impact and Evidence of Digital transformation and Health terminology: policy analysis in a European perspective Dr. Walter De Caro and Rosalba Bradde			
	16.10	Voice analysis in chronic diseases through artificial intelligence Illaria Erba			
	16.35	Community healthcare and electronic nursing documentation Dr. Mariangela Vanalli			
17.00 – 18.00	Aperitif provided	Enjoy your welcome aperitif and meet the ACENDIO members!			

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Time	Pre-Function Area	Main Hall (Plenary sessions)	Blue room	Room 2	Red room
8.00 – 9.00	Registration				
9.00 – 9.15		Opening and announcements: Maria Müller Staub Information: Helen de Graaf-Waar and LOC			
9.20 – 10.10		Chair: Fabio D'Agostino From Predictive Analytics to Personalized Care: The Power of Nursing Data Keynote Prof. Lisiane Pruinelli			
Parallel sessions (ORAL presentations)					
10.15– 12.00		Chair: Fabio D'Agostino <i>Subtheme D*</i>	Chair: Manuel Schwanda <i>Subtheme I*</i>	Chair: Bente Christensen <i>Subtheme B*</i>	Chair: Sergio Barrientos-Trigo <i>Subtheme C*</i>
	10.15	The Caring Science Praxis Model: Integrating the OPT Model for Reflective Practice with Caring Science with NANDA-NIC-NOC. H. Butcher	Patient participation in electronic nursing documentation: an interview study among home-care patients. K. De Groot	Overview of the seventh edition of the nursing outcomes classification and taxonomy. S. Moorhead	NANDA-I nursing diagnosis to describe the care needs of unaccompanied foreign minors from the Balkan route. G. Luccarelli and C. Fantuzzi
	10.40	Developing preliminary taxonomy and architecture for quality improvement implementation translation of research evidence in an interpersonal employee wellness initiative. G. Gao	Improving the quality of nursing care through standardized nursing languages: lesson learned from ACENDIO workshop 2022. M. Härkönen	Clinical validation of the nursing diagnosis “risk of fall in adults” in elderly at home. R. C. Diogo	Evaluation of accuracy nursing care plans of undergraduate nursing students: a descriptive study. V. Tommasi
	11.05	Workshops for implementation of the Advanced Nursing Process into general hospital in Slovenia. M. Klancnik Gruden	Revision and Content Validation of the Functional Health Pattern Assessment Screening Tool Translated into Portuguese Spoken in Brazil (FHPAST-BR). R. de Cassia Gengo E Silva Butcher	Preliminary clinimetric testing of an instrument based on the NOC for the evaluation of care dependency of patients admitted in a neurorehabilitation unit. E. Fernández García	Developing an audiovisual tool for teaching nursing practice blood glucose measurement in hospital context. J. C. Santana Neto
11.35	Clinical reasoning supported by national electronically available standardized nursing languages. H. de Graaf-Waar	Factorial Structure, Reliability, and Convergent Validity of the Functional Health Pattern Assessment Screening Tool for Use in Brazil (FHPAST-BR). R. de Cassia Gengo E Silva Butcher	Global challenges as drivers of an expanded 8th edition nursing interventions classification. C. Wagner	Combined use of the Gordon's Functional Health Pattern Framework, and the Herdman & Kamitsuru Clinical Reasoning Model to develop planning and reasoning skills of nursing students: an Italian educational experience. N. Ramacciati	
12.00 – 13.00		Lunch provided			

13.05 – 13.55 Chair: Mikko Härkönen
Nurses' eHealth competencies - strategy and current competency level
 Keynote Prof. Ulla-Mari Kinnunen

Parallel sessions (ORAL presentations)

	Chair: Maria Müller Staub <i>Subtheme B*</i>	Chair: Valentina Zeffiro <i>Subtheme I*</i>	Chair: Claudia Leoni-Scheiber <i>Subtheme H*</i>	Chair: Antonello Cocchieri <i>Subtheme D*</i>
	14.00 Content validation of the NANDA-I nursing diagnosis risk for perioperative hypothermia. M.Schwanda	Mapping standardized nursing languages with SNOMED-CT to enhance electronic data exchange. A.Tuinman	Development of a complex intervention to reduce anxiety in individuals submitted to unscheduled cardiac catheterization. R. de Cássia Gengo E Silva Butcher	Developing standardized nursing care plan during COVID-19 pandemic. A. den Hartog
14.00 – 15.40	14.25 Development of an ICNP subset for neonates admitted to NICU. V.Tommasi	Health literacy and nursing diagnosis as described by the nursing minimum dataset: a retrospective study in a hospital setting. E.Cristofori	Obstetric risk classification in emergency unit: paper versus computerized system. R. Jensen	Powerlessness in patients with heart failure. M.Nakahara-Melo
	14.50 User participation in development of nursing terminology. B.Christensen	The risk factors of "complicated grief" in caregivers in palliative care: a systematic review. P.di Giacomo	Reduction of physical restraint in the intensive care unit: quality improvement program. B.L. Correa	Prevalence of psychosocial diagnoses among individuals with myalgic encephalomyelitis/chronic fatigue syndrome. C.Oter-Quintana
	15.15 Searching for evidence of nursing caring interventions in the electronic health record. K. Dunn Lopez	Oncology Nursing Minimum Data Set: preliminary retrospective study. A.Moro	Security technologies and safety of patients in mental health: state of the art. G.Anastasi	

15.40 – 16.10 Coffee provided

Parallel sessions (eHealth ACENDIO working groups)

16.10 – 16.50	Chair: Mikko Härkönen eHealth ACENDIO Working Group 1: How to implement SNLs into practice & EHRs?	Chair: Helen de Graaf-Waar eHealth ACENDIO Working Group 2: Teaching SNLs: Why, what content, and how?
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16.50 – 18.00 **ACENDIO General Assembly – everyone is welcome!**
 Chair: Maria Müller Staub, President
 and board: 2022 annual reports of activities
 ACENDIO's finances, visions and collaborations. Research grant report by M. Schwanda; announcements
 Elections
 Laudationes

19:30 A bus to reach the Gala Dinner will be available at UniCamillus only for participants that are located very close to the UniCamillus university (e.g., the two hotels suggested in the Practical Information document)

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8.15 – 9.00	Registration				
9.00 – 9.15		Welcome & introduction: Maria Müller Staub			
9.20 – 10.10		Chair: Fabio D'Agostino Who cares about nursing care? Nursing data as a guide for clinical care and healthcare policies Keynote Prof. Gianfranco Sanson			
Parallel sessions (ORAL presentations)					
		Chair: Maria Müller Staub <i>Subtheme D*</i>	Chair: Claudia Leoni-Scheiber <i>Subtheme G* and J*</i>	Chair: Valentina Zeffiro <i>Subtheme F*</i>	Chair: Silvia Brunner <i>Subtheme A* and E*</i>
	10.20	Searching for nurse generated interventions from medical-surgical nurses' documentation of care provided to patients with Covid-19 in large vendor's electronic health record's flowsheets. K. Dunn Lopez	NANDA nursing diagnoses as predictor for 30-day hospital readmission in surgical colorectal cancer patients using machine learning techniques: a pilot study. M.Brabers	Impact of a nursing e-care protocol on quality of live of patients with multiple sclerosis: a quasi-experimental study. F.Pastore	Nursing diagnoses and hospital length of stay in surgical patients: a retrospective study. M.Cesare
	10.40	Patients' perception of educational and musical nursing intervention before emergency cardiac catheterization. R.de Cássia Gengo E Silva Butcher	Mapping local nursing care plan terms to SNLs for data standardization and integration into a statewide data trust. T.Macieira	Patients with rheumatic diseases and implementation of telemedicine follow up in daily practice: which role for the nurse? K.El Aoufy	Nursing diagnoses NANDA-I and mortality in home care service: an italian experience. L. Bertocchi and A.Saba
10.20 – 12.00	11.00	Clustering the nursing diagnoses in the pre-hospital emergency care setting: preliminary results from a retrospective records review study. J.M.Romero Sánchez	A nursing practice information model. E.Hovenga	The use of standardized languages in nursing practices in Albania: Knowledge survey. I.Notarnicola	The veluset self-efficacy tool for venous leg ulcer patients: Italian cultural adaptation and psychometric validation using a bayesian approach. M.Martinato
	11.20	ICNP an important part of decision support tools to realise evidence-based practice and documentation. B.Christensen	NuDaQ-framework: a strategy to reuse electronic routine nursing process data for outcome analyses. R.Nantschev	Avoiding unnecessary and insufficient care measures: optimising risk assessment by combining clinical assessment with sensor data-Results of a pilot project. M.Fiebig	Quality of information of websites run by nursing associations: a review to promote high level of information for internet users and professionals. P.Melis
	11.40	Operational guidelines and clinical nursing protocols for telehealth in Brazil: experience report. R. Jensen	21st century decision support; developing a learning health system using tekst and datamining. H.de Graaf-Waar	Digitalization to enhance patient outcomes and participation: e-health communication for people with hemodialysis-existing interventions. A.Deinboll	How can activity trackers be useful? Scoping review. W.Paans
12.00 – 13.00	Lunch provided Afternoon program see next page				

Parallel sessions (POSTERS)

Time	Main Hall (Plenary sessions)	Blue room	Room 2	Red room	
13.00 – 14.05	<p>Subtheme B* and H*</p> <p>Antecedents and consequences of the nursing diagnosis proposal impaired peripheral venous return. <i>A.Fortes Vitor</i></p> <p>Validation of nursing outcome indicators for dry eye severity. <i>A.Fortes Vitor</i></p> <p>Clinical indicators of the nursing diagnosis caregiver role tension. <i>A.Fortes Vitor</i></p> <p>Content analysis of impaired health literacy. <i>A. Fortes Vitor</i></p> <p>Related factors and defining characteristics of nursing diagnosis inefficient health maintenance behaviors in chronic conditions. <i>A. Fortes Vitor</i></p> <p>The risk factor “inconsistency with the drug regime” was not predictive for the nursing diagnosis “risk of unstable blood pressure (00267)” in hypertensive outpatient treatment. <i>R.C. Diogo</i></p> <p>Prevalent nursing domains in hospitalized pediatric patients according to NANDA-I. <i>T.Nayara Do Nascimento Dantas</i></p> <p>Living longer and better at home with technical-digital support. <i>A.Pflieder</i></p> <p>Analysis of the effectiveness of gastric air injection and right lateral decubitation in post-pyloric enteral tube migration: pilot study of randomized clinical trial. <i>S.Silva</i></p> <p>Chronic pain: cross mapping terms extracted from literature and ICNP®. <i>M.R.Cubas</i></p> <p>Identification of criteria for selection of specialists in validation studies of diagnostics, results and nursing interventions. <i>M.R.Cubas</i></p> <p>Recommendations of nursing outcomes from NOC to evaluate care of patients with COVID-19 sub-variants. <i>E.Swanston</i></p> <p>Bed bath: literature review. <i>R.C. Diogo</i></p>	<p>Subtheme D*</p> <p>Nursing diagnoses of patients with Covid-19 in adult intensive care unit. <i>E.Lopes de Moura</i></p> <p>Classes and domains of nursing diagnoses in hospitalized children. <i>J.G. Ananias Rocha Delgado</i></p> <p>The nursing diagnosis with the PES in elderly care. <i>S.Gutker de Geus</i></p> <p>The development of diagnostic reasoning: training course. <i>E.Kátia Adamy</i></p> <p>Implementation of standardized nursing languages and quality of documentation in electronic health records. <i>N.B. Oliveira</i></p> <p>Nursing diagnosis of Covid-19 patients in adult intensive care unit: an analysis of the brazilian context. <i>A.Vitor</i></p> <p>Application of nursing outcomes classification to evaluate healing the effect of low-level laser therapy of venous ulcers. <i>A.de Fátima Lucena</i></p> <p>Clinical characteristics and nursing diagnosis of pressure injury in critically ill adult patients with and without Covid-19. <i>A.de Fátima Lucena</i></p> <p>Evaluations of patients with pressure injury: longitudinal study based on the outcomes and indicators of the nursing outcomes classification-NOC. <i>A. de Fátima Lucena</i></p> <p>Quality of nursing records in primary care health: a research project. <i>E.Fernández-García</i></p> <p>Nursing care to patients with Covid-19 using standardized nursing terminology. <i>R.C. Diogo</i></p> <p>Perceived nursing overload related to the use of the nursing process in pediatric nurses: a research project. <i>S.Barrientos-Trigo</i></p> <p>Standardized nursing terminologies: reflections on methods based on a systematic review. <i>L. Bertocchi</i></p>	<p>Subtheme D*, F* and I*</p> <p>Development of a software for computerization of risk prediction scales in nursing. <i>A.de Fátima Lucena</i></p> <p>Validation of the translated and culturally adapted Greek version of the Perioperative Nursing Diagnoses questionnaire: a pilot study. <i>P.Kolovos</i></p> <p>Implementation steps of the nursing process in the electronic health record in a Brazilian obstetric service. <i>M.Almeida</i></p> <p>Standardized nursing language in e-health: the experience of ASST Papa Giovanni XXIII of Bergamo using NANDA-I diagnoses and NIC interventions in the activity of tele-health. <i>D.Marchetti</i></p> <p>Telenursing intervention in lung cancer patients: a randomized control trial. <i>A.De Leo</i></p> <p>Standardized nursing language in family and community nursing: the experience of ASST PAPA GIOVANNI XXIII of Bergamo using NANDA-I diagnoses and NIC interventions in the case management plans of care. <i>D.Marchetti</i></p> <p>Nursing care plans, standardized nursing language, nursing minimum data set and nursing sensitive outcomes: the experience of ASST PAPA GIOVANNI XXIII of Bergamo. <i>D.Marchetti</i></p> <p>Mobile applications for patients with chronic kidney disease: a systematic review. <i>E.Lozada-Perezmitre</i></p> <p>From the hospital department to the virtual department. Nursing minimum data set (NMDS) in emergency department: a scoping review. <i>E.Cesaretti A.Moro</i></p> <p>Translating narrative clinical reports into quantified data by adapting nursing intervention classifications. <i>Y.Ji Lee</i></p> <p>Prevalent domains of NANDA-I taxonomy in nursing assistance to Covid-19 patients in adult intensive care unit. <i>A.Vitor</i></p> <p>Level of evidence of nursing diagnoses of patients with Covid-19 hospitalized in adult intensive care unit. <i>E. Lopes de Moura</i></p>	<p>Subtheme A*, C*, E*, G* and J*</p> <p>Magnet® required nursing sensitive indicators and the use of nursing intervention classification (NIC): a study protocol. <i>M.Clarke</i></p> <p>Facilitators and challenges in nursing data science. <i>L.Pruinelli</i></p> <p>The use of health technologies in intensive care units in the context of the Covid-19 pandemic. <i>R.C.Diogo</i></p> <p>Nursing diagnosis risk of infection in patients with vascular access in intensive care. <i>E. Lopes de Moura</i></p> <p>Nursing diagnosis risk of infection in adult patients with Covid-19 hospitalized in intensive care unit. <i>E. Lopes de Moura</i></p> <p>Development of a nurse care plan by the integration of ICNP™ and an Italian nursing conceptual model. <i>V.Tommasi</i></p> <p>Mixed-method study towards the implementation of nursing diagnoses in perioperative care in a sample of nursing students. <i>P.Kolovos</i></p> <p>The use of international classification for nursing practice (ICNP®) within the degree course in pediatric nursing of the university of Milan. <i>P.Sannino</i></p> <p>Prevalence of diagnosis of pressure injury in critical patients in an intensive care unit. <i>H.R.De Carvalho Nascimento</i></p> <p>Mapping and validating nursing-sensitive outcomes and interventions toward nursing diagnoses related to heart failure self-management: a study protocol. <i>G.Sanson</i></p> <p>Association between nursing diagnoses risk of bleeding and hemorrhagic transformation in patients with ischemic stroke who were submitted to intravenous thrombolysis. <i>D.Barella</i></p> <p>Nursing diagnosis and care related to pain in elderly patients: big data analysis in a university hospital. <i>M.Almeida</i></p> <p>A cluster analysis of patients with heart failure based on their physical and psychological symptoms. <i>P.Iovino</i></p>	
	14.10 - 15.10	<p>Panel session Chair: Helen de Graaf-Waar</p> <p>Toward a Solid Foundation for Nurse Relevant AI and Machine Learning Patrick Weber, Dr. Kenrick Cato, Dr. Lisiane Pruinelli, Dr. Steve Johnson</p>			
	15.10 – 15.40	Coffee provided			
	15.40 – 16.40	<p>Round table Chair: Maria Müller Staub</p> <p>Babel nursing languages? Interoperability: How to harmonize implementation, research and education? Representatives FinCC: M.Härkönen; ICNP: B.Christensen & S.Di Mauro; NANDA-I: L.Rossi; NIC & NOC: K.Dunn Lopez; Omaha System: K.H.Bowles</p>			
	16:40- 17:10	<p>Closing Session Chair: Maria Müller Staub Announcement of research grant and poster prize winners, ACENDIO visions and next events</p>			

Full program will be also available in the ACENDIO 2023 conference app. You can use the conference app to chat with other ACENDIO members. NOTE: till March 15th changes in the program may occur, please check the conference app for the definitive program.

*** Conference Subtheme:**

A) Nursing-sensitive patient outcomes related to SNLs, patient adherence and empowering; B) Development and validation of SNLs; C) Implementation examples of SNLs into curricula, educational methods, models and evaluations; D) Implementation of SNLs into practice: methods, examples and evaluations; accuracy of NDs, effectiveness of interventions and quality of patient outcomes; CDSS and inter-professional teams; effectiveness of usable EHRs; E) Implications of digitalization and ethical concerns; F) Usability and effectiveness of digitalization to enhance patient outcomes; G) Big nursing data warehousing and research; data interoperability and usability; H) Patient safety and quality of care through assistive devices/products;

I) Documenting nursing care; classifications of NDs, interventions and nursing sensitive patient outcomes; NMDS as important part of e-Health; J) Quality of artificial intelligence and robotics in nursing to enhance patient outcomes