ACENDIO 2015

10th Biennial Conference of the Association for Common European Nursing Diagnoses, Interventions and Outcomes

16-18 April 2015
Bern, Switzerland

eHealth and Nursing Knowledge for Patient Care
KEYNOTE SPEAKERS

Prof. Walter Sermeus

Walter SERMEUS is Professor of healthcare management, School of Public Health, Catholic University Leuven, Belgium. He is Programme Director of the Master in Nursing & Midwifery and the Master in Health Care Policy & Management. He was coordinator of the EU-FP7 RN4CAST-project, Nurse Forecasting in Europe 2009-2011. He is current president of the Association of Common European Nursing Diagnoses, Interventions and Outcomes (ACENDIO), member of the European Academy of Nursing Science (EANS), member of the Strategic Advisory Committee of the European Health Management Association (EHMA). He is author of more than 100 scientific papers.

Prof. Gail Keenan

Gail KEENAN Ph.D., R.N., FAAN is Professor and the Annabel Davis Jenks Endowed Professor for Teaching and Research in Clinical Nursing Excellence at the University of Florida, College of Nursing, in Gainesville Florida. Dr. Keenan is an international leader in nursing informatics. Her research program of nearly two decades has been focused on representing nursing in electronic health records. Specifically she has led the development and continuous refinement of a “big picture” standardized clinical application (HANDS) for the purposes of providing a summary of patient care, supporting day-to-day communication between members of the care team, universalizing electronic health records and generating “big data” to evaluate the impact of nursing. She has received more than $7.5 million in research funding from multiple sources including NIH. Her team's transformational work is changing the way nurses view their practices, identify evidence to support their decisions, and evaluate the impact of decisions through high quality documentation and communication enable by the EHRs.

Prof. Elske Ammenwerth

Elske AMMENWERTH Ph.D. studied health informatics obtained her doctorate from the University of Heidelberg in 2001. In 2005, she was appointed full professor for health informatics at UMIT - University for Health Sciences, Medical Informatics and Technology, where she now heads the Institute of Biomedical Informatics. Her research comprises nursing information systems, CPOE systems, electronic health records and patient portals, management of health information systems and especially the evaluation of IT in health care. She is founder and chair of the Working Group on Assessment of Health Information Systems of EFMI (European Federation for Health Informatics). She is co-chairing the Austrian Health Informatics Working Group. and IMIA and EFMI representative of Austria. Since 2008, she is conference chair of the annual Austrian eHealth Conference in Vienna. She is also conference chair for the nursing informatics congress ENI 2015 that will take place in Hall in September 2015. For her contribution to evidence-based health informatics, she received the German David-Sackett-Price. In 2011, she was appointed International Fellow of the American College of Medical Informatics (ACMI). She has published over 100 papers in international peer-reviewed journals. She published or edited 24 books on health informatics. Since 2005, she was member of the program committees of more than 80 scientific workshops and conferences in health informatics. She is member of the Editorial Boards of Methods of Information in Medicine, International Journal of Medical Informatics and Applied Clinical Informatics and serves as reviewer for more than 20 other health informatics journals.
Location

The Conference will be held in the Inselspital, Auditorium Ettore Rossi, Kinderklinik A, Entrance 31B, Freiburgstrasse, 3000 Bern, Switzerland. (http://www.insel.ch/en/directions/)

Welcome Reception

The welcome reception will take place in the Inselspital 18.00 – 20.00 on 16th April 2015.

Opening Ceremony

The Opening Ceremony will take place in the Auditorium at 09.00 on 17th April 2015.

Plenary and Keynote Sessions

These sessions will all be held in the Auditorium.

Parallel Sessions and Workshops

These sessions will be held in the Auditorium and concurrent rooms (1 to 4). They will be offered on a first-come-first-served basis.

Registration and ACENDIO Desk Opening Times

Registration for the conference is open.

The Early Bird registration rate (Before 10 February 2015) is €341 for ACENDIO members and €394 for non-members.

The Late registration rate (from 10 February 2015) is €394 for ACENDIO members and €446 for non-members.

Registration fee includes 2-year membership of ACENDIO.
Registration can be completed via the following link:

http://www.acendio.net/acendio-2015-registration

The registration and ACENDIO desks will be located in the Foyer and will be open during the following hours:

- Thursday 16th April 18.00 – 20.00
- Friday 17th April 08.00 – 18.00
- Saturday 18th April 08.00 – 17.00

Poster Presentation

Each poster presenter will be allocated a specific day on which to present their poster. Posters will be presented between:

- Friday 17th April 08.30 – 18.00
- Saturday 18th April 08.30 – 17.00

Conference attendees will be invited to visit the poster presentation during the day and particularly during the ‘poster tours’ from 13.30 – 14.00. Poster presenters will be expected to be in attendance beside their posters at this time.

General Assembly of ACENDIO

The ACENDIO General Assembly will take place from 17.00 – 18.00 on 17th April in the Auditorium. This meeting will be open to all conference attendees but voting will be restricted to only ACENDIO members. Application forms for ACENDIO membership and all papers for the General Assembly will be available from the ACENDIO Desk in the Foyer.

No Smoking Policy

Smoking will not permitted in any conference areas or in the conference facility. This is in accordance with ACENDIO’s practice of instigating a ‘no smoking policy’ at our conferences as well as with Irish Law.

Name Badges

Conference attendees will be required to wear their name badge at all times during conference activities. This is required for security reasons.

Conference Language

The official language of the conference will be English.

Translation

Oral presentations in the Auditorium will be translated into German.

Hotel and Social Programme

Hotel reservations, travel, social events and other information, including bookings for the gala dinner, can be arranged via the registration site when active. Please note that hotel accommodation options are available through the conference registration system. This can be accessed via the following link:

https://event.onax.ch/Event5Bern/4E52B34098A49E7B15A91F30A3C81BD/DE

The Conference Dinner will take place on 18th April at 20.00 hrs. Tickets cost €67.

ACENDIO Secretariat / Conference Secretariat

ACENDIO Secretariat, c/o Dr. Fintan Sheerin, School of Nursing & Midwifery, Trinity College Dublin, 24 D’Olier Street, Dublin 2. Ireland. secretariat@acendio.net.

Exhibitors/Sponsors

Please refer to our invitation document by clicking HERE.
## Programme

### ACENDIO 2015: Thursday 16th April 2015

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### ACENDIO 2015: Friday 17th April 2015

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<td>09.00 – 09.45</td>
<td>Opening Ceremony</td>
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<td></td>
<td>Mr. Ulrich von Allmen, Director of Nursing, Inselspital, Bern</td>
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<td>Mayor of Bern</td>
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<td>Dr. Fintan Sheerin, Vice-President, ACENDIO</td>
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<td>ACENDIO Ex-Presidents</td>
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<td>09:45 - 10:30</td>
<td>Keynote Session</td>
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<td>Prof. Elske Ammenwerth  eHealth, its adoption, and changing roles: Can we predict the future?</td>
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<td>10:30 - 11:00</td>
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<td>11:00 - 12:30</td>
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<td>Decision Support</td>
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<td></td>
<td>Standard for clinical decision support systems in EHRs</td>
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<tr>
<td></td>
<td>M. Müller Staub¹, H. De Graaf-Waar², W. Paans³; ¹Wil/CH, ²Rotterdam/NL, ³Groningen/NL</td>
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<td>Introduction an electronic health record system with decision support in the whole nursing process</td>
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<td>M. Odenbreit,</td>
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<td>St. Gallen/CH</td>
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<td>Evidence-based research to guide clinical decision support</td>
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<td>T. H. Herdman¹, S. Gallagher-Lepak²; ¹Kaukauna, WI/US, ²Green Bay, WI/US</td>
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<td>Formative and summative usability testing of nursing clinical decision support prototypes</td>
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<td>K. Dunn Lopez¹, J. Stifter¹, A. Febretti¹, V. Sousa², A. Johnson¹, D. Wilkie³, G. Keenan⁴; ¹Chicago, IL/US, ²Fortaleza/BR, ³Chicago/US, ⁴Gainesville/US</td>
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Connecting nurses: spreading the word
N. Hardiker, Salford/UK

Documenting holistic nursing care through use of standardized terminologies: the congruence of Wilber’s Integral Theory’s four quadrant perspective and nursing languages
P. Potter, N. Frisch; ¹Portland/US, ²Victoria, BC/CA

Critical reasoning and nursing language linkage applications: a short primer
C. Wagner, Davenport, IA/US

Standardized terminology for nursing documentation. Development of an ICNP-catalogue
L. Laukvik, K. Molstad, M. Fossum; ¹Kongshavn/NO, ²Oslo/NO, ³Grimstad/NO

Dashboards for risk assessments to improve patient safety and quality of care
H.K. Gudjonsdottir, A. Thoroddsen; Reykjavik/IS

Characterization of fatigue in patients with intermittent claudication
L. Batista, R. Silva, C. Assis, N. Wolosker; Sao Paulo/BR

Follow up study of assessment by ambulance and triage classification (RETTS) in electronic health records
K. Ziegert, G. Larsson, M. Holmström, Halmstad/SE

Needs in nursing care of patients in palliative care
C. Abreu, M. Padilha, J. Alves; ¹Matosinhos/PT, ²Porto/PT

Discharge planning process - Information exchange between registered nurses and district nurses
S. Nordmark, S. Söderberg, L. Skär; Luleå/SE

Guidelines for the construction of a nursing information system
M. Casella, C. De Pieri, M. Fregonara Medici; ¹Novara/IT, ²Torino/IT

A new paradigm of clinical practice in digital environments: adaptive practice
M. Kennedy, Halifax, NS/CA

eHealth innovations in public health nursing documentation
M. Kennedy, M. Pearce; ¹Halifax, NS/CA, ²Victoria, BC/CA
Education 1

Experiences of the use of eLearning in HHSI education
U. Kinnunen, S. Kuusisto-Niemi, K. Saranto;
Kuopio/FI

eHealth nursing competencies: enhancing nursing informatics education
A. Farren, M. O'Donnell;
Staten Island, NY/US

ICT in education: fostering integrated knowledge and clinical reasoning through the use of case scenarios
C. Espinosa, R. Rifà Ros, M.À. Bru Angelats;
Barcelona/ES

Austrian and Swiss nurses’ attitude towards the advanced nursing process
C. Leoni-Scheiber1, M. Müller-Staub2;
1Lechaschau/AT, 2Wil/CH

12:30 - 14:00 Lunch
Foyer

14:00 - 14:45 Keynote Session
Auditorium
Prof. Gail Keenan
Implementing Standardised Languages into EHRs: Inoperable Nursing Data

15:00 - 16:30 Concurrent Sessions
Diagnoses, Interventions, Outcomes
Auditorium
Using a multidimensional aging model to suggest outcomes, interventions and diagnoses
E. Swanson, S. Moorhead;
Iowa City, IA/US

Validating linkages of nursing diagnoses, outcomes, and interventions using clinical data from specialty units in acute care
S. Moorhead, E. Swanson;
Iowa City, IA/US

The predictive power of nursing documentation on possible outliers in length of hospital stay of patients admitted for total knee and total hip surgery
W. Paans1, M. Müller Staub2;
1Groningen/NL, 2Wil/CH

Nursing Diagnoses 1
Room 1
Implementing nursing diagnosis in an ICF oriented rehabilitation clinic
K. Roth, C. Klein;
Nottwil/CH

Developing a subset of ICNP nursing diagnoses informed by an Italian nursing conceptual model: a multi-centre cross-sectional study
D. Ausili1, M. Vanalli2, M. Alberio1, S. Di Mauro1;
1Monza/IT, 2Bergamo/IT
Nursing diagnosis: an essay of an archetype that expresses the clinical concept

N. Abreu¹, P. Sousa²; ¹Vila Nova De Gaia/PT, ²Porto/PT

ICT for Patients 1

Feasibility and acceptability of an interactive ICT-platform in older adults for participatory care

C. Göransson¹, K. Ziegert¹, Y. Wengström², A. Kihlgren³, K. Blomberg³; ¹Halmstad/SE, ²Huddinge/SE, ³Örebro/SE

Patient participation in system development and use: is healthcare prepared for real interaction?

J. Bjerkan;  Steinkjer/NO

Can sensors strengthen the assessment of behavioural and psychological symptoms in dementia?

C. Melander, S. Sävenstedt, M. Olsson, B. Wälivaara;  Luleå/SE

COPD patients most vulnerable to the deterioration of health condition

M. Padilha, P. Sousa, F. Pereira;  Porto/PT

Record Audit

N-Catch: an audit instrument for assessing nursing documentation in Norway

A.K. Rotegård¹, T.H. Nøst², B.I. Tettum¹, S.F. Aasen², K. Woldstad¹, B. Haugan³, A.E. Oppheim¹, B. Andre²; ¹Oslo/NO, ²Trondheim/NO, ³Lysaker/NO

(Nearly) real time analysis of nursing process data

U. Kliem, T. Jucker, D. Britt, R. Spirig;  Zürich/CH

Improving electronic nursing records with Hospital Accreditation in a Brazilian university hospital

A. Nomura¹, M. Abreu Almeida², M. Barragan Da Silva², G. Linch¹, A.F. Lucena², L. Pruinelli³; ¹Porto Alegre/BR, ²Porto Alegre / Rs/BR, ³Minneapolis/US

Text mining of nursing notes in different settings

A.R. Marucci¹, L. Mitello², W. De Caro¹, L. Lancia³, J. Sansoni¹; ¹Roma/IT, ²Terni/IT, ³L'aquila/IT

Workshop

The development of a NANDA-I clinical decision support eTool for accuracy in nursing diagnosis

T. H. Herdman¹, S. Gallagher-Lepak²; ¹Kaukauna, WI/US, ²Green Bay, WI/US

16:30 - 17:00  Break

17:00 - 18:00  ACENDIO General Assembly
1. Reducing the gap between theory and practice through nursing documentation  
   A.G. Kydland, S. Høye;  
   Elverum/NO

2. Equivalency of items between the ICNP® Portugal 2011 and Brazil 2013 translations  
   M. Cubas¹, P. Sousa²;  
   ¹Curitiba/BR, ²Porto/PT

3. Nursing workload and mobility recovery – a German-Swiss comparison of outcome quality on the basis of routine data from nursing process documentation  
   M. Fiebig, D. Hunstein, B. Sippel;  
   Wiesbaden/DE

4. N-Catch: an audit instrument for assessing nursing documentation in Norway  
   A.K. Røtegård¹, T.H. Nøst², B.I. Tettum¹, S.F. Aasen², K. Haugan¹, A.E. Oppheim¹, B. André¹;  
   ¹Oslo/NO, ²Trondheim/NO, ³Lysaker/NO

5. Nursing diagnosis based on signs and symptoms of cardiac patients  
   G.F. Da Costa Linch, C. Da Costa, E. Nogueira De Souza;  
   Porto Alegre/BR

6. Person with chronic pain - A nursing intervention model of care  
   A. Ribeiro, P. Sousa;  
   Porto/PT

7. eHealth advancing nursing worldwide  
   C. Bartz¹, N. Hardiker², A. Coenen¹;  
   ¹Milwaukee, WI/US, ²Salford/UK

8. Medical diagnoses and nursing effort – Can LEP Nursing 3 be of help in recognizing patterns?  
   C. Flerchinger, T. Mai;  
   Frankfurt Am Main/DE

9. Use of complementary therapies in control of anxiety in patients with colorectal cancer: an integrative review  
   A.C. Mesquita, E.C. Carvalho;  
   Ribeirão Preto/BR

10. Nurturing novice nurses with the Partnership Nursing System (PNS): changes in nursing skill mastery before and after introduction of PNS  
    S. Yukari, Matsuoka Shimoaizuki, Eiheiji-cho Yoshida-gun, Fukui/JP

11. Management of acute postoperative pain  
    M. Klancnik Gruden, V. Svilenkovic, S. Kazic, N. Cermelj, A. Roš, U. Hvala;  
    Ljubljana/SI

12. Actual Use of NANDA-I nursing diagnosis “Death Anxiety” in Japan  
    H. Furukawa¹, K. Shimomai¹, M. Hayashi², Y. Kuroda³;  
    ¹Kansai University Of Nursing And Health Sciences/JP, ²Tenri Health Care University/JP, ³Kitasato University/JP

13. Preliminary data of quality of nursing records comparing the standardized languages NANDA-International, Nursing Intervention Classification and International Classification for Nursing Practice  
    E.R. Silva-Rabelo¹, A. Cavalcanti², G. Linch¹, A. Lucena¹, M. Almeida¹, M.C. Caldas³, M. Barragan¹, M. Muller-Staub²;  
    ¹Porto Alegre/BR, ²Niterói/BR, ³Rio De Janeiro/BR, ⁴Wil/CH

14. Development and psychometric evaluation of a questionnaire based on the Nursing Outcomes Classification to evaluate knowledge on breast-feeding: research protocol  
    O. Paloma-Castro¹, J.M. Romero-Sánchez¹, J.C. Paramio-Cuevas¹, S.M. Pastor- Montero², C. Silva-Amiama¹, M.D.C. Sánchez-Dalda¹, E. Rozadillas-San Miguel³, L.J. Moreno-Corra³;  
    ¹Cádiz/ES, ²Andújar/ES, ³Jerez De La Frontera/ES
15. Implementation of the nursing process in a clinical research center

S. Muller, A. Lucena, A. Cardoso, G. Aliti, E.R. Rabelo Da Silva;
Porto Alegre/BR

16. The evaluation method MAST, Model for Assessement of Telemedicine Applications in the Renewing Health Project Norrbotten: On line support to increase quality of life, health status and empowerment in patients with lifestyle related diagnoses

I. Lindberg, S. Söderberg;
Luleå/SE

17. Questionnaire for the assessment of the quality of diagnoses, interventions and outcomes (Q-DIO). Cross-cultural adaptation to Spanish

M.D. Mateos-García¹, M. Müller Staub², A. Porcel-Gálvez¹, E. Gil-García¹, A. Ramos-González-Serna¹, S. Barrientos Trigo¹;
¹Sevilla/ES, ²Wil/CH

18. Quality monitoring in a geriatric hospital

C. Heering;
Basel/CH

19. The advanced nursing process in nursing education: a Turkish example

G. Hakverdioglu Yont¹, M. Müller Staub²;
¹İzmir/ Bayraklı/TR, ²Wil/CH

20. Data and text mining of structured nursing records for the development of wound care and documentation

U. Kinnunen;
Kuopio/FI

21. Improving patient care documentation for epilepsy patients through trigger tool development

E. Kivekäs, U. Kinnunen, K. Haatainen, K. Saranto, R. Kälviäinen;
Kuopio/FI
## ACENDIO 2015: Saturday 18th April 2015

### 08:00 - 18:00
**Registration**  
Foyer

### 08.00 – 09.00  
**Breakfast Workshops**

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| **Workshop**  
The Swiss Nursing DRG Project  
D. Baumberger; A. Junger; D. Cheda; W. Bosshard  
SWISS NURSES ASSOCIATION/CH and SWISS NURSE DIRECTOR ASSOCIATION/CH  
(German/French/Italian/English) | |

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| **Workshop**  
European Observatory of Nursing Standards  
S. Martín Iglesias;  
ACENDIO/ES & AENTDE/ES | |

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| **Workshop**  
ACENDIO eHealth Strategy  
F. Sheerin;  
ACENDIO/IE | |

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| **Workshop**  
ACENDIO Health Informatics Curriculum for Nurses at Post-Graduate Level  
C. De Pieri¹; UM. Kinnune¹; E. Rajalahti²  
¹ACENDIO/IT/FI, ²Laurea/FI | |

### 09:00 – 09.45
**Keynote Session**  
Auditorium

- **Prof. Walter Sermeus**  
The role and impact of nurses in healthcare: linking RN4CAST to eHealth

### 10:00 - 11:00
**Concurrent Sessions**

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| **Developing and submitting two new nursing diagnoses**  
C. Heering  
Basel/CH | |

**Application of exposure science principles to contact tracing nursing interventions and eHealth supporting tools**  
M. Pearce¹, M. Kennedy²;  
¹Victoria, BC/CA, ²Halifax, NS/CA

**The analysis of the intervention of ‘infant care-preterm’ and its activities performed by the nurses work in neonatal intensive care units in Turkey**  
D. Sönmez Düzkaya¹, G. Uysal¹, N. Aydın¹, F. Erdemİr²;  
¹Istanbul/TR, ²Adıyaman/TR
Submission of a new intervention to the NIC team

C. Wagner,
Davenport, IA/US

Journaling: establishing the scientific basis of a NIC intervention

H. Butcher¹, J. Gordon²;
¹Iowa City, IA/US, ²Iowa City/US

Clinical applicability of the nursing results from Nursing Outcomes Classification (NOC) for patients with 'risk for perioperative positioning injury'

L. Bjorklund De Lima¹, M. Cardoso E Cardozo¹, D. Bernardes¹, M. Müller-Staub², E.R. Rabelo Da Silva¹;
¹Porto Alegre/BR, ²Wil/CH

NANDA-I/NIC/NOC 1

The nursing care plan with Gordon’s model and NANDA-I, NOC, NIC taxonomies: the experience of Azienda Usl 9 Grosseto.

V. Novi¹, L. Baragatti¹, P. Di Giacomo², C. Santin³, L.A. Rigon⁴;
¹Grosseto/IT, ²Rimini/IT, ³Padova/IT

The nursing care plan with Gordon’s model and NANDA-I, NOC AND NIC taxonomies: the experience of service care centres of ULSS 3, Bassano del Grappa

M. Zanarella¹, A. Mosele², P. Di Giacomo³, C. Santin³, L.A. Rigon⁴;
¹Rosà Vicenza/IT, ²Bassano Del Grappa/IT, ³Rimini/IT, ⁴Padova/IT

An analysis of the activities of ‘electronic foetal monitoring: antepartum’ performed by nurse-midwives in Turkey

S. Aydın Ozkan¹, Ö. Kulakaç², F. Erdemİr³;
¹Adıyaman/TR, ²Samsun/TR

Quality of Diagnoses, Interventions and Outcomes Instrument (Q-DIO)

Cross-cultural adaptation of the French version of the Q-DIO Instrument: method and preliminary findings

R. Lötscher¹, S. Senn¹, M. Müller-Staub²;
¹Fribourg/CH, ²Wil/CH

Assessment and care plans based on standardized and computerized language: a retrospective study

M. Baudoing¹, A. Vernassa¹, C. De Pieri², S. Massano², S. Contini³, G. Boarino³,
²Bra (cn)/IT, ³Novara/IT, ⁴Alba (cn)/IT

Nursing diagnosis ‘acute pain’, interventions and outcome: evaluation of patients’ experience after total hip replacement compared with the nursing record - a mixed methods study

D. Zanon¹, D. Gralher¹, M. Müller-Staub²;
¹Luizern/CH, ²Wil/CH

Clinical indicators of the nursing diagnosis ‘sedentary lifestyle’ in adolescents

M. Oliveira¹, V. Silva², M. Lopes², L. Martins², H. Morais², O. Carvalho²;
¹Florianópolis/BR, ²Fortaleza/BR

A project in home care using video phones at the Department of Social Services and Health Care in Helsinki 2013–2014

A.L. Niemelä, A.L. Lyytinen;
Helsinki/FI
### Concurrent Sessions

**Nursing Assessment 2**

*Imbalanced human energy field*: development, revision, and conceptualization of a NANDA-I nursing diagnosis within Rogers’ Science of Unitary Human Beings

- H. Butcher¹, N. Frisch², A. Fuller³, D. Shields⁴, M. Resnicoff⁵;
- ¹Iowa City, IA/US, ²Victoria, BC/CA, ³Tampa, FL/US, ⁴Columbus/US, ⁵New York, NY/US

**Activity tolerance and incapacity for daily living activities in patients with intermittent claudication**

- C. Assis, R. Silva, L. Batista, N. Wolosker;
- Sao Paulo/BR

**Risk stratification in hospitalised elderly patients**

- C. Heering;
- Basel/CH

**Monitoring pain management in hospitalised elderly patients**

- C. Heering;
- Basel/CH

**Standardised Language (SNL) 2**

A case-study methodology for use of a NANDA-I clinical decision support eTool

- S. Gallagher-Lepak¹, T.H. Herdman²;
- ¹Green Bay, WI/US, ²Kaukauna, WI/US

**Means to improve the quality of nursing data in a nursing universe**

- A. Thoroddsen, H.K. Gudjonsdottir;
- Reykjavik/IS

**Reuse of evidence-based nursing - using nursing terminology as we go.**

- L. Madsen, P.U. Pedersen;
- Aalborg/DK

**Criteria and evaluation of classifications**

- M. Müller Staub;
- Wil/CH

**Education 2**

The evaluation of the competences of nursing informatics in the information management master degree program in Laurea UAS Finland

- E. Rajalahti, O. Ahonen, K. Ojasalo;
- Espoo/FI

**An analysis of the activities of postpartum care performed by nurse-midwives in Turkey**

- Ö. Kulakac¹, S. Aydin Ozkan², F. ErdemIr²;
- ¹Samsun/TR, ²Adiyaman/TR

**Students diagnostic competencies in Turkey: A case study based quasi-experiment**

- G. Hakverdioglu Yont¹, N. Arat¹, M. Müller-Staub², E. Akin Korhan³, F. ErdemIr⁴;
- ¹Izmir/Bayraklı/TR, ²Wil/CH, ³Izmir/TR, ⁴Adiyaman/TR

**eLearning for nursing and health professionals in university: an overview**

- W. De Caro¹, A.R. Marucci¹, L. Lancia², J. Sansoni²;
- ¹Roma/IT, ²L’aquila/IT
Integrated nursing-activity recording
M. Stronks, M. Lysser; Zurich/CH

Time use of nursing staff in the institutional long-term care: a time-and-motion study using the Nursing Interventions Classification
A. Tuinman, M. De Greef, W. Krijnen, R. Nieweg, P. Roodbol; Groningen/NL

The analysis of the intervention of ‘controlled substance checking’ and its activities performed by chief nurses in Turkey
N. Aydın1, F. Erdemİr2, Z. Agurlu3, O. Tanriverdi2;
1İstanbul/TR, 2Adıyaman/TR, 3Ankara/TR

Educational software assessment for the development of the nursing diagnosis accuracy
M. Almeida1, A.F. Lucena2, M.D.C.R. Laurent2, A.L.R. Acelas2; 1Porto Alegre/BR, 2Porto Alegre / Rs/BR

Workshop

Utilization of nursing classification systems for the depiction of the nursing process in electronic health records
P. Wieteck, M. Linhart, S. Kraus; Baar-Ebenhausen/DE

13:00 - 14:00 Lunch

14:00 - 15:30 Concurrent Sessions

NANDA-I/NIC/NOC 2 Auditorium

Arrangements to use NANDA-I, NOC and NIC terminologies in an electronic nursing documentation system
A. Bernhart-Just;
Basel/CH

Evidence-based care plans based on the classification systems NANDA and NIC
H.S. Bjerkestrand, A.Ø. Dobloug;
Brumunddal/NO

Evaluation of pressure ulcer scarring treated with low level laser therapy, by means of Nursing Outcomes Classification and Pressure Ulcer Scale for Healing: case study
S. Palagi, I. Marques Severo, D. Baratz Menegon, M. Abreu Almeida, A.F. Lucena;
Porto Alegre/Rs/BR

Patient responses and nursing diagnoses in psychiatric nursing care
F. Frauenfelder1, T. Van Achterberg2, I. Needham3, M. Müller-Staub3;
1Zurich/CH, 2Leuven/BE, 3Wil/CH
ICT for Patients 2

Aging in place: people’s perceptions of aging in place whilst living in remote areas
B. Wälivaara, S. Sävenstedt, M. Olsson; Luleå/SE

Technological literacy and information needs of people with diabetes: potential uses of ICT
P. Sousa, M. Padilha, V. Silva; Porto/PT

The utilization and applicability of nursing intervention ‘parents education: infant’ in Turkish care settings by Turkish nurses
G. Uysal¹, D. Sönmez Düzkaya¹, N. Aydın¹, F. Erdemİr²; ¹Istanbul/TR, ²Adiyaman/TR

Nursing role and inter agency communication demonstrating requirements for future models of care
P. Hussey, D. Rodger; Dublin/IE

Electronic Health Records (EHR)

Challenges in EHR implementation. Archetypes as a quality tool
L. Bitsch-Larsen, Bergen/NO

Impact of electronic health records in nursing care description using ICNP® and in time spent on documentation
P. Sousa¹, M.F. Oliveira¹, J. Sousa²; ¹Porto/PT, ²Matosinhos/PT

Users’ satisfaction with an electronic nursing information system in an Oporto hospital
M.F. Oliveira¹, R. Moreira²; ¹Porto/PT, ²Gondomar/PT

Agreement, correctness and accuracy of nursing diagnoses: a randomized trial
H. De Graaf-Waar¹, M. Müller Staub², W. Paans³; ¹Rotterdam/NL, ²Wil/CH, ³Groningen/NL

Workload

Staffing requirement calculations from routine data
D. Hunstein, M. Fiebig, B. Sippel; Wiesbaden/DE

Predicting nursing workload in DRGs factoring in additional drivers of nursing care
D. Baumberger¹, R. Bürgin², S. Bartholomeyczik³; ¹Witten/Herdecke/DE, ²Genève/CH

Exploring communication in stressful situations among nurses at a pulmonary medicine unit – a correlation study
B. André, S.A. Frigstad, T.H. Nøst, E. Sjøvold; Trondheim/NO

Multi-centre study. External validity of the "Inventario del Nivel de Cuidados mediante Indicadores de Clasificacion de Resultados de Enfermeria" (INICIARE), for the evaluation of dependency level in hospitalised patients
A.M. Porcel-Gálvez¹, S. Barrientos-Trigo¹, J.M. Morales-Asencio², C. Ramírez-Pérez², M.C. Cobo-Montes², E. Gil-García³, M.D. Mateos-García⁴; ¹Seville/ES, ²Malaga/ES, ³Jaen/ES, ⁴Sevilla/ES
**15:45 - 17:15**

**Plenary**

**Panel Discussion**

*Should nurses be involved in eHealth in Europe?*

Chairperson: Carme Espinosa Fresnedo, ES

Panel:
- Prof. Christian Lovis, CH
- Prof. Kaija Saranto, FI
- Dr. Nick Hardiker, UK
- Prof. Gail Keenan, US
- Dr. Rene Schwendimann, CH

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**17:30 - 18:00**

**Closing Ceremony**

Auditorium

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**08:30 - 18:00**

**Poster Exhibition Day 2**

Foyer/Display Area

1. **Base of terms of the special language of nursing of a university hospital**
   
   D. Gomes¹, L. Pleis¹, E. Costa¹, M. Cubas¹, M. Shmeil¹, M. Nóbrega²;
   
   ¹Curitiba/BR, ²João Pessoa/BR

2. **The development of nursing documentation in a Finnish Hospital with co-operation of a university of applied sciences in 2004-2014**
   
   L. Konkola-Loikkanen, O. Ahonen;
   
   Lohja/FI

3. **Nursing Outcomes Classification (NOC): evaluation of the acute and chronic pain on patients on palliative care**
   
   A.F. Lucena, B.S. Mello;
   
   Porto Alegre/BR

4. **Cultural adaptation and psychometric properties of the Surgical Fear Questionnaire - Brazilian version: early stage**
   
   A.C. Mesquita¹, A. Eduardo¹, M. PETERS², E.C. Carvalho¹;
   
   ¹Ribeirão Preto/BR, ²Maastricht/NL

5. **'Pressure ulcer': Submission proposal to NANDA-I of a new nursing diagnosis**
   
   A.F. Lucena¹, M. Almeida², C. Dos Santos¹, T. BavareSCO¹;
   
   ¹Porto Alegre/BR, ²Porto Alegre/RS/BR

6. **Education in service: proposal to qualify nursing records in a health institution in Porto Alegre.**
   
   G.F. Da Costa Linch, A.A. Paz, T. Nauderer, E. Nogueira De Souza, A.A. Antunes De Lima;
   
   Porto Alegre/BR

7. **Cross mapping of nursing intervention for the diagnosis of 'risk for perioperative positioning injury'**
   
   L. Bjorklund De Lima¹, M. Weissheimer¹, A.F. Lucena³, E.R. Rabelo Da Silva¹;
   
   ¹Porto Alegre/BR, ²Porto Alegre / RS/BR

8. **Consensus and refining validation of the nursing results from the Nursing Outcomes Classification for the diagnosis of 'risk for perioperative positioning injury'**
   
   L. Bjorklund De Lima¹, M. Cardoso E Cardozo¹, D. Bernardes¹, M. Müller-Staub², E.R. Rabelo Da Silva¹;
   
   ¹Porto Alegre/BR, ²Wil/CH

9. **Risk for corneal injury in critical patient: the importance of diagnostic accuracy**
   
   M. Almeida¹, L. Marques Severo², L. Pinto², M. Chistë², T. Pilger², D. Batista², D. Espindola², M. Weschenfelder², S. Minossi², J. Haas², D. Borba², E. Chaves¹, L. Osterkamp², S. Heckler², O. Soares², T. Hochegger²;
   
   ¹Porto Alegre/BR, ²Porto Alegre / RS/BR
10. Improving healthcare for the elderly admitted to nursing homes in Japan: effectiveness of a practical care-giving program focused on changing the care providers’ awareness
I. Honda¹, T. Miyazaki², H. Yanase²;
¹Aichi/JP, ²Mie/JP
11. The use of medication and safety components in nursing documentation in the Finnish Care Classification system
L. Konkola-Loikkanen;
Lohja/FI
12. Incorporating NANDA-I nursing diagnoses, NIC and NOC taxonomies according to Henderson's components of basic nursing care in electronic nursing documentation: an Italian experience
M. Casati, N. Colombo, S. Cesa, M.I. Milesi, G. Lazzari, P. Colleoni, R. Pellegrini;
Bergamo/IT
13. Participatory action research and health need assessment in a rural Malawian community
F. Sheerin¹, C. Stonebanks²;
¹Dublin/IE, ²Sherbrooke/CA
14. Breastfeeding in immediate puerperium: interfaces with taxonomy NANDA-I, NIC and NOC
E. Adamy¹, P. Lopes¹, M. Goulart¹, S. Zanotelli¹, J. Frigo¹, D. Zooche¹, M. Abreu Almeida²;
¹Chapecó/BR, ²Porto Alegre / Rs/BR
15. Nursing process law: integrative review
E. Adamy¹, S. Maus Junior¹, T. Hermes¹, M. Abreu Almeida²;
¹Chapecó/BR, ²Porto Alegre / Rs/BR
16. Electronic record for group-based patient education in primary care
Getafe/ES
17. Outpatient smoking cessation program: selection of NOC indicators to evaluate patients during treatment
V. Mantovani¹, S. Boaz¹, A.F. Lucena², I. Echer¹;
¹Porto Alegre/BR, ²Porto Alegre/rs/BR
18. Evaluation of the effectiveness of a mobile application in the development of care plans by students
O. Paloma-Castro¹, J.M. Romero-Sánchez¹, A. Falcó-Pegueroles², J.C. Paramio-Cuevas¹, A. Saz-Roy², A. Frandsen¹, M. Puig-Llobet², T. Lluch-Canut², L.J. Moreno-Corral¹;
¹Cádiz/ES, ²L'hospitalet LI/ES
19. Textual analysis online: an interpreting research on nursing
W. De Caro¹, L. Mitello², A.R. Marucci¹;
¹Roma/IT, ²Terni/IT
20. Audit report as a strategy for qualification of the nursing registers based on standards of International Joint Commission
A.F. Lucena, M.D.C.R. Laurent, C. Karohl, D.R.V. Rados, L. Ambrosini, S.M.M. Fialkowski;
Porto Alegre/BR
21. The utilization and applicability of three common used nursing interventions in Turkish care settings by Turkish nurses
F. Erdem¹, G. Hakverdioglu Yont², Z. Ugurlu³, N. Aydin⁴;
¹Adiyaman/TR, ²Izmir/ Bayraklı/TR, ³Ankara/TR, ⁴Istanbul/TR
22. Effectiveness of an educational group intervention in primary care to maintain exclusive breastfeeding (PROLACT Study). Using electronic data capture system for a cluster randomised clinical trial
M.J. Santamaria Martin¹, S. Martin Iglesias², M.I. Santamaria Martin², G. Prolact³;
¹Alcorcon/ES, ²Getafe/ES, ³Madrid/ES

*All details in this document are provisional and subject to change.