1. **Explore the scope of Nursing Informatics and its implication for health policy and information handling activities associated with evidence based nursing practice, nursing management, nursing research, nursing education, standards and patient (or client) decision making and the various relationships with other health care informatics entities.**

Even though nursing- and health informatics has a large focus in Norway- also by the health authorities, we still need to put our strategies and recommendations in to practice at a larger scale.

We still need to integrate nurse informatics in bachelor education, as well as in masters and continuing education.

Managers also need to focus more on implementation of health informatics systems in practice for improved utilization and improved outcomes. We need more research to investigate utilization and outcomes of health- and nursing informatics.

2. **Identify priorities or gaps and make recommendations for future developments in Nursing Informatics.**

   - The need to move from digital information to decision making support
     - To support patient participation and next of kin’s participation
     - To ensure patient safety
     - To support competence development and management/leadership in health care / nursing care
     - To strengthen implementation and use of innovative solutions and eHealth programs
   
   - Further development of information systems with a focus on interoperability and re-use of data.

3. **Support the development of Nursing Informatics in member countries and promote Nursing Informatics worldwide.**

   - **NorHIT, Norwegian Health-IT, an interdisciplinary interest group within the Norwegian Computer Society.** They have the Norwegian membership and participation in European Federation for Medical Informatics (EFMI) and International Medical Informatics Association (IMIA). They has done a great job in promoting Nursing Informatics worldwide, amongst others they have initiated follow up work from ACENDIO workshop in 2013 about Competent Information Management. They arranged the interdisciplinary conference eHealth 2014 in Oslo with national and international key persons within eHealth and politicians. Key issues were: the eHealth development in Norway – national plans, e-learning, structured EPR, new e-solutions and importance to the patient and the physician, access control, health registry, electronic charts and big data.

   - **NNO has continued the work of promoting ICNP as well as eHealth initiatives of nursing with seminars, meetings with vendors and nursing colleges as well as with the health authorities.**
• The NNO has arranged seminars engaging nurse clinical specialists, managers and clinical research nurses from the community nursing in a project working towards national nursing care plans (or ICNP catalogues). The areas of development is:
  • Risk for fall
  • Risk for malnutrition
  • Risk for pressure ulcer
  • Risk for urinary tract infection
  • Risk associated with managing medication

• NNO is joining the ENS4Care under the leadership of the European Federation of Nurses Associations (EFN). The main outcomes expected are the production of evidence based guidelines and creating sustainability.

4. Promote linkages and collaborative activities with national and international nursing and healthcare informatics groups and nursing and health care organisations globally.

• NorHIT, Norwegian Health-IT, an interdisciplinary interest group within the Norwegian Computer Society continues the work to disseminate health informatics experiences, information and knowledge:
  http://www2.dataforeningen.no/norhit/norhit-norwegian-society-for-health-informatics/

Anne Moen is a board member of the group along with Silje Ljosland Bakke (nurse and health informatician).

They are working within 8 focus areas:
  o Architecture
  o IT-management
  o Clinical use
  o Competence
  o Collaboration
  o Standards
  o Mobile health sensors
  o Telemedicine

They have had many arrangements with issues like dialogue conference & partnering, data mining, model based decision making support and knowledge management, seminars on future eHealth systems, medical-technical equipment (from idea to clinical project). In addition, NorHIT initiated and took the lead in arranging lunch meeting at the MedInfo2013 in Copenhagen with the aim to explore opportunities for nursing informatics within the eHealth perspective in Europe.

• The NNO’s Special Interest Group for eHealth (Nursing Informatics) (NNO eHealth) continue to promote informatics into other special interest groups the NNO (management; instructors; education, research and development) of and arranges a common conference with the Special interest group of geriatrics and dementia this year.
5. **Provide, promote and support informatics meetings, conferences, electronic communication forums to enable opportunities for the sharing of ideas, developments and knowledge**

- **Annual eHealth conference – nursing informatics**
  
The annual conference under the leadership of the NNO’s eHealth group is in June under the theme “eHealth and innovation for the health care of tomorrow”.
  
- The NNO’s eHealth group is actively promoting information of nursing informatics on Facebook, their web page and through newsletters.

6. **To participate in IMIA working group and special interest groups to present a nursing perspective.**

- Kathryn Niemi Mølstad, senior advisor in The Norwegian Nurses Organization (NNO), is a board member of ACENDIO.
- Bente Christensen, previous leader of The NNO’s Special Interest Group of eHealth (Nursing Informatics) and now PhD student is joining the ICN Telenursing network. She has been working at The Norwegian Telemedicine Centre in Tromsø for many years.
- Anne Moen, PhD, Professor at The University of Oslo, Department of Nursing Science, is the Vice President of EFMI

7. **Develop recommendations, guidelines, tools and courses related to Nursing Informatics.**

- The existing guideline “Documentation of nursing care in the electronic patient record”, developed and published by the NNO’s eHealth group is finished in these days. This will be the 4’Th edition.

8. **Encourage the publication and dissemination of research and development materials in the field of Nursing Informatics**

- Norwegian researchers and nurses has contributed to nursing informatics with dissemination of their research, amongst others:
  
  
  
  
  
  
  
  
  
  

9. *To support and work with patients, families, communities and societies to adopt and manage informatics approaches to healthcare.*

   - See number 4,5 and 7.

10. *Ensure the group is more visible by providing up to date information on the web site enabling external groups e.g. WHO, ICN to access as required.*

   - Nothing new from the last report.

Ann Kristin Rotegård  
Norwegian IMIA-NI Representative  
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