ICNP® Programme: Terminology Management & Maintenance

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ICNP®

- Programme of the International Council of Nurses
- Version 1.0 launched in 2005
- Unified nursing language
- Compositional terminology that facilitates cross-mapping local terms and existing terminologies
- Conforms to ISO Standard 18104:2003

ICNP® Vision

ICNP® is an integral part of the global information infrastructure informing health care practice and policy to improve patient care worldwide.

Materials and Methods

- How a global terminology for nursing demonstrates constant advancement by leveraging
  - Simultaneous centralized & decentralized research and development
  - System improvements using transparent processes for participation
  - Applications in health care systems

Research & Development

- Translation Guidelines from ICN
- ICN requires signed Translation Agreement
- Translations
  - Arabic, Japanese, Portuguese, Korean completed
  - Eleven translations in-progress

Research & Development

- ICN-accredited ICNP® Research & Development Centres
  - Concept development
  - Translation
  - NMDS, iNMDS
  - Knowledge development, data repositories
- Five centres to-date
- Annual updates in ICNP® Bulletin
- Three-year cycle for re-accreditation

Research & Development

- Catalogue Guidelines from ICN
- Catalogues
  - Subsets of ICNP® for use at point of care
  - Address nursing phenomena, specialties, settings, health conditions/diseases
  - New catalogues: adherence, palliative care

Research & Development

- R&D project descriptions on website
  - Concept validation, ontologies, logic models
  - Catalogues, translations, browsers
  - Cross-mapping, NMDS, telehealth
  - EHRs, computer-user interface
- ICNP-related publications on web site
- All work with ICNP® requires Use Agreement

Concept Review Process: Add, Modify, Delete

- Concept analysis using research methods
  - Literature review
  - Definition and defining characteristics, e.g., using Delphi technique
  - Clinical testing
- Submission of concepts for
  - Addition, modification, deletion
- Volunteer to be a reviewer (see website)

Concept Review Process: Pre-coordinated concepts

- Identification of pre-coordinated concepts from catalogues
  - Nursing diagnoses, interventions, outcomes
- All accepted concepts
  - Modeled in OWL in Protégé software
  - Given unique identifiers (codes)

Applications in Healthcare Systems

- Integrate ICNP® with EHRs
  - E.g., Portugal, Korea
- Collect and analyze iNMDS data for
  - Nursing and patient care information
- Data repository supports re-use of data for
  - Clinical research at progressive levels
    - Local, regional, national, international
  - Decision-making and policy development for healthcare worldwide

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