ICNP® VERSION 1:
A Unified Nursing Language System

Amy Coenen, PhD, RN, FAAN
Director, ICNP® Programme
International Council of Nurses
Overview

- Why a unified nursing language system?

- What is ICNP® Version 1?

- Future plans for the ICNP® Programme?
International Council of Nurses (ICN)

A FEDERATION OF NATIONAL NURSES ASSOCIATIONS

- Founded in 1899
- Headquarters office in Geneva
- Membership of 125 national nurses associations (countries)
- www.icn.ch
ICN's Mission

To represent nursing worldwide, advancing the profession and influencing health policy.

The ICN is operated by nurses for nurses, ICN is the international voice of nursing and works to ensure quality care for all and sound health policies globally.
Nursing Terminologies

- Nursing is big
- Nursing is varied
- Nursing changes
- Nurses need structured data
Multiple nursing vocabularies
A Unified Nursing Language System
ICNP® Version 1
A Unified Nursing Language System

Knowledge deficit
Déficit de la Connaissance
Déficit di Conoscenza
Lack of Knowledge

Necesidad Educativa

ErlernencNotwendigkeit

지식 부족

Knowledge Deficit 10011042
ICNP® VERSION 1

Used to represent and develop:

- Nursing Diagnoses
- Nursing Interventions
- Nursing Outcomes
Benefits of the new ICNP® Version 1

DEVELOPED USING WEB ONTOLOGY LANGUAGE (OWL) WITHIN THE ONTOLOGY DEVELOPMENT ENVIRONMENT, PROTÉGÉ

- Definitions are made explicit (formal)
- Greater detail (or granularity)
- Conforms with standards and criteria
  - ISO standards (e.g. ISO 18104:2003)
  - HL7 registered
ICNP® Version 1

- Provides a sustainable foundation for:
  - Easier development
  - Easier maintenance
  - Greater utility
TIMELINE - ICNP®

1989 ➢ ICN Resolution for an ICNP®
1990 ➢ ICNP® Development Team
1993 ➢ ICNP® Working Paper
1996 ➢ ICNP® Alpha Version
1999 ➢ ICNP® Beta Version
2000 ➢ ICNP® Programme
  ➢ ICNP® Evaluation Committee & Review Process
2001 ➢ ICNP® Beta 2 Version
2002 ➢ First ICNP® Research and Development Centre
  ➢ ICNP® Strategic Advisory Group
2005 ➢ ICNP® Version 1
WORLDWIDE PARTICIPATION
Translations

- More than 25 translations of ICNP® Beta Versions

- Translation tools
  - Translation Guidelines
  - Translation software
  - Beta 2 → Version 1 map
  - Multilingual Browser
Examples- New Terms Submitted to ICNP®

Homelessness ➢ South Africa
Gender violence ➢ Swaziland
Family Crisis ➢ Chile
Informal settlements ➢ South Africa
Community development ➢ Botswana & Colombia
Newborn Care ➢ Portugal
ICNP® Catalogues

- Subsets of Nursing Diagnoses, Interventions, and Outcomes for a select or specialty area of practice.

- Fill a practical need in building electronic patient record systems using ICNP® with all of the benefits of being part of a unified language system.
ICNP® Catalogue Priorities

- Promoting adherence (concordance)
- HIV/AIDS Home Care
- Cancer care (ambulatory)
- Family nursing
- Women’s health
- Urinary incontinence
- Mental health (adolescent girls)
ICNP® Partnerships

- National Nurses and Specialty Associations
- ICNP® Committee members and Reviewers
  - Hundreds of nurse experts across 50 countries have participated in the review of more than 300 terms.
- Translators & Researchers
  - Informatics experts (IMIA-NI, ISO)
  - ICNP® Research & Development Centres
- Other terminology and standards developers
  - (i-NMDS, PNDS, SNOMED-CT, CCC, OS, NANDA, WHO)
- Health Ministries / Governments
- Software Vendors
Continue to Work Together

Within the Global Nursing & Health Care Community
THANK YOU