ICNP C-Space: Collaboration for Terminology Development

Claudia C. Bartz, ICN
Derek Hoy, Snowcloud
MIE August 2011
Oslo, Norway
Outline

• Background
• Characteristics
• Analytics
• Lessons learned in catalogue development
• Plans for future
ICNP and Community of Use

• ICNP development internal to ICN
  – 1989 to 2005: Version 1.0 in OWL/Protégé Environment

• Users
  – Translation, research, education
  – Applied in care settings
    – Analyzed terminology
    – Analyzed care based on standard documentation

• Recognized need for interactive collaboration tool
ICN Programmes and Projects

C-Space

eHealth Programme

Collaborate
C-Space provides a place where a group can meet to engage in meaningful dialogue, to work together on information resources, and to publish those resources, without physically coming together. Groups within C-Space currently focus on a variety of topics including implementation, research and development, and translation.

Share
The ICNP provides a systematic way of describing nursing practice across the world. C-Space provides a way of easily distributing ICNP and derived and associated products, such as ICNP catalogues and translations, in a timely fashion to a range of people across the world. This allows ICNP to stay responsive and dynamic in representing nursing practice.

C-Space is constantly evolving to meet the needs of nurses across the world. For more information, visit: http://icnp.clinictemplates.org

The ICN eHealth Programme encompasses a range of ICN activities, including the International Classification for Nursing Practice (ICNP) and the ICN TeleNursing Network. The aim of the Programme is to transform nursing through the visionary application of information and communication technologies. Collaboration is key to success.

ICN is a global organisation working to connect nurses around the world. This makes collaboration a challenge. The Internet makes it easier for people in different places and time zones to work together. C-Space is a web-based tool that supports the eHealth Programme in a variety of ways.

C-Space provides opportunities for people to form groups around particular areas of interest. For example, the ICN TeleNursing Network Advisory Group is currently active within C-Space. The aims of the group are to support nurses working in telehealth and telecare. Members of the advisory group represent all areas of the world.

CONTACT DETAILS
International Council of Nurses
eHealth Programme
3, place Jean-Marteau
1201 Geneva, Switzerland
Tel: + 41 22 908 0100
Email: icn@icn.ch

eHealth Programme office
Email: aamherdt@uw.edu
www.icn.ch/icnp.htm
The ICNP® tool-set

- **The ICNP® browser** lets you explore the latest version on-line. find out more...
- **The ICNP®** has a new 2011 Release and its use is growing around the world. find out more...
- **Catalogues** are subsets of the ICNP® designed to be useful for a particular topic. find out more...
- **Mappings** connect other classifications or terminologies to the ICNP®. find out more...

News

**ICN eHealth Programme news**
Claudia Bartz | 7 Jul 2011 | 0 comments

The ICN eHealth Programme office has developed four marketing brochures (PDF format):
- eHealth Programme
- ICNP
- C-Space
- ICN TeleNursing Network

Contact the office for copies for your use, for example, for education ...

Read more...

**TNAG conference call**
Claudia Bartz | 29 Jun 2011 | 0 comments in ICN TeleNursing Network Advisory Group

Availability for conference call?

Read more...

**Education Materials?**
Claudia Bartz | 29 Jun 2011 | 0 comments in ICNP® Consortium

Integrating ICNP with nursing education programmes.

Read more...

**The first issue of the ICN eHealth Bulletin**
| 28 Jun 2011 | 0 comments

The first issue of the ICN eHealth Bulletin is posted on the ICN website:
Browse the ICNP

- Diagnosis
- Intervention

- Means
- Focus
- Judgement
- Client
- Location
- Time
- Action
Negative Diagnosis and Outcome

Axis       Diagnosis
Code       10016467

Children
  - [DC] Activity Intolerance
  - [DC] Acute Health Crisis
  - [DC] Agitation
  - [DC] Allergy
  - [DC] Altered Blood Pressure
  - [DC] Altered Perception
  - [DC] Autonomic Dysreflexia
  - [DC] Bradycardia
  - [DC] Breast Engorgement
  - [DC] Burn Wound
  - [DC] Communication Barrier
Download the ICNP®

- Download the ICNP® 2011 Release

This is a version of ICNP® in PDF format, that can be read or printed out.

- Download the data files for the ICNP® 2011 Release

These are data files that require loading into a database or other software to use them.

See also:

- Mappings
- Catalogues
- an OWL (Web Ontology Language) version of ICNP is available on request
<table>
<thead>
<tr>
<th>Language</th>
<th>选用</th>
</tr>
</thead>
<tbody>
<tr>
<td>English:</td>
<td>✅</td>
</tr>
<tr>
<td>Deutsch:</td>
<td></td>
</tr>
<tr>
<td>español:</td>
<td></td>
</tr>
<tr>
<td>فارسی:</td>
<td></td>
</tr>
<tr>
<td>français:</td>
<td></td>
</tr>
<tr>
<td>Italiano:</td>
<td></td>
</tr>
<tr>
<td>日本:</td>
<td></td>
</tr>
<tr>
<td>한국어:</td>
<td></td>
</tr>
<tr>
<td>Norsk:</td>
<td></td>
</tr>
<tr>
<td>polski:</td>
<td></td>
</tr>
<tr>
<td>Português:</td>
<td></td>
</tr>
<tr>
<td>Brasileiro:</td>
<td></td>
</tr>
<tr>
<td>română:</td>
<td></td>
</tr>
<tr>
<td>官话:</td>
<td></td>
</tr>
</tbody>
</table>

[Continue] [Cancel]
Dashboard

Jul 1, 2011 - Jul 31, 2011
Comparing to: Jun 1, 2011 - Jun 30, 2011

Site Usage

- **1,137 Visits**
  - Previous: 1,376 (-17.37%)

- **13,757 Pageviews**
  - Previous: 18,114 (-24.05%)

- **12.10 Pages/Visit**
  - Previous: 13.16 (-8.09%)

- **36.06% Bounce Rate**
  - Previous: 33.65% (7.17%)

- **00:08:28 Avg. Time on Site**
  - Previous: 00:08:18 (2.09%)

- **44.94% % New Visits**
  - Previous: 44.84% (0.23%)
11,577 visits came from 97 countries/territories
Catalogue Development Process

• Experts describe the domain
  – Categories
  – Lists
  – Granularity

• Working material put on C-Space

• ICNP team maps proposed concepts to ICNP

• Groups work together toward consensus
ICNP Concepts by Category

- **Version 1.0**: DC (10%), IC (7%)
- **Version 1.1**: DC (14%), IC (9%)
- **Version 2.0**: DC (19%), IC (10%)
- **2011**: DC (20%), IC (15%)
Catalogue Collaborations

- Canadian Health Outcomes for Better Information and Care (C-HOBIC) Catalogue

- Scottish Community Nursing Catalogue
C-HOBIC: Functional Status (ADL) Terms for Acute Care Domain (TEST)

ADL Self-Performance – Assess for performance over full 24 hours, considering all occurrences of activity.

You can see any comments by clicking on the 'show comments' beside each item, or click 'add comment' to have your say.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bathing</td>
<td>Independent [0]</td>
</tr>
<tr>
<td>Personal hygiene</td>
<td>Independent [0]</td>
</tr>
<tr>
<td>Walking</td>
<td>Independent [0]</td>
</tr>
<tr>
<td>Transfer toilet</td>
<td>Independent [0]</td>
</tr>
<tr>
<td>Toilet use</td>
<td>Independent [0]</td>
</tr>
<tr>
<td>Bed mobility</td>
<td>Independent [0]</td>
</tr>
<tr>
<td>Eating</td>
<td>Independent [0]</td>
</tr>
</tbody>
</table>
Scottish Community Nursing Census

Read the Background to the project page for more information on the work of this group.

Recent Discussions

New post

Final Validation of ICNP mapping
Alison Wallis | 27 Jun 2010 | 0 comments in Scottish Community Nursing Census

You are receiving this message because you signed up to ICNP C-Space, a web based tool supporting the development of resources for Nursing Practice. You are a member of the Scottish Community Nursing Census group.

Read more...

New dashboard gives an overview of mapping progress
Derek Hoy | 11 Sep 2009 | 0 comments in Scottish Community Nursing Census

There is now a dashboard for the mapping, so you can review progress of the work. If you are an editor, you can see the mapping items assigned to you.

Read more...

Stop the emails!
Derek Hoy | 11 Sep 2009 | 0 comments in Scottish Community Nursing Census

Comments

Derek Hoy: What do you think of C-Space and...
in Evaluation Questionnaire

Derek Hoy: Following the editors’ meeting on 26 May, ...
in Update to the mapping tool

Derek Hoy: And be sure not to miss our ...
in Update to the mapping tool

Pamela Henry: Hi Derek I have spoken to the ...
in Proposal for version 1 of mapping tool

Amy Coenen: I think it...
Findings with Catalogue Work

• C-Space useability
  – Screen design
  – Data displays
  – Asynchronous communication

• Nursing language challenges
  – Concept meanings
  – Content granularity
  – Local use – international application
ICN eHealth Programme news
Claudia Bartz | 7 Jul 2011 | 0 comments

The ICN eHealth Programme office has developed four marketing brochures (PDF format):

- eHealth Programme
- ICNP
- C–Space
- ICN Telenursing Network

Contact the office for copies for your use, for example, for education ...

Read more...

TNAG conference call
Claudia Bartz | 29 Jun 2011 | 0 comments in ICN Telenursing Network Advisory Group

Availability for conference call?

Read more...

Education Materials?
Claudia Bartz | 29 Jun 2011 | 0 comments in ICNP® Consortium

Integrating ICNP with nursing education programmes.

Read more...

The first issue of the ICN eHealth Bulletin
| 28 Jun 2011 | 0 comments

The first issue of the ICN eHealth Bulletin is posted on the ICN website:
Check it out!

English, Spanish, French.

Read more...

ICNP now available in 14 languages
| 28 Jun 2011 | 0 comments

Thank you to the efforts of a number of volunteers, ICNP is now available in 14 different languages with another 3 translations in the pipeline. This is an important contribution in terms of widening access to ICNP. The CSpace browser allows users to select a language and to switch languages as they browse ICNP. Language–specific printable versions of ICNP can also be downloaded at no cost from the site.
C-Space/ICNP/eHealth Future

• Post biennial ICNP Version releases
• Meet users’ needs with ICNP representations
• Analyze new ICNP concepts
• Analyze ICNP concept descriptions
• Increase group use
• Use C-Space for ICN Core Data Set work
• Expand C-Space offerings to include ICN eHealth-related projects
Tusen takk
Thank you

Claudia C. Bartz cbartz@uwm.edu
Derek Hoy derek.hoy@gmail.com

C-Space
http://icnp.clinicaltemplates.org/