A new Information Technology tool for GP/FM

Towards e-archive for Wonca documents

Marc Jamoulle, md, mph.
GP & Health data management specialist

Dominique Dekeuster .
Information & Communication Technology adviser
GP/FM information needs

- Specific to General practice
- Low prevalence
- Patient minded
- Along the time line
- Biological & anthropological
- Care versus cure
information lost

- No data capture
- No communication
- No normalization
- No publication

- Not known
- Never published
- Inaccessible
- No repository
GP/FM needs a repository

Wonca e-archives

Sustainable data objects

Data objects
- Abstracts
- Thesis
- Books
- Grey literature
- Internet literature
- Video
- Others
ICPC is great

- But only clinical
- Family doctor work area and work load need specific descriptors

GP/FM needs descriptors
GP/FM needs descriptors

3CGP/FM

Aim to describe the content of GP/FM in its non clinical approach.

Constitutes meta-information on the way the clinics and the patient doctor relationships are driven.
Crossing ICPC and 3CGP/FM

- Allows documents indexing in GP/FM from clinical and metaclinical points of view
E-Archiving

Wonca e-archives

Sustainable data objects

Data accessibility (indexation, ie. ICPC & 3CGP)

Data objects
- Abstracts
- Thesis
- Books
- Grey literature
- Internet literature
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Business-oriented
Aknowledgement of data production in GP/FM

Data objects
- Abstracts
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Wonca e-archives
Sustainable data objects

Data accessibility (indexation, ie. ICPC & 3CGP)
Wonca e-archives

Sustainable data objects

Data accessibility (indexation, ie. ICPC & 3CGP)

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(Data production)

• Clinical research
• Post-graduate
• GP database
• Research data
• Proceedings
• Others

Business-oriented

Clinical use
- Training
- Research

Guidelines

EBM QA

Review Analysis

Clinical use
- Training
- Research

Dissemination

GP/FM
E-archive prototype

- Knowledge base with editing facilities
- Home made product
- Data production = Paris 2007 abstracts
- Using ICPC for clinical indexing
- “Inventing” 3CGP/FM for non clinical concepts
E-archive prototype: technical specifications

- **Hardware**: Pentium dual core - 2GB memory RAM
- **Application Server**: Windows 2003 Enterprise
- **Database server**: SQL SERVER 2005
- **Application framework**: .NET 2.0
- **Extended application framework**: ASP.NET AJAX 1.0
- **Development language**: C#
E-archive prototype: functionalities

- Create profile
- Submit document
- Advanced search
- Contact us
- ICPC-2 classification
- 3CGPFM classification
Data objects
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Data accessibility (indexation, ie. ICPC & 3CGP)

Wonca e-archives
Sustainable data objects

Submit document

Advanced search
Wonca abstracts repository project

Submitting, reviewing, indexing, gathering, accessing, retrieving, reading are logical steps for documents flow.

Our project is to elaborate tools to realize those steps or at least some of them for documents published or unpublished in General Practice Family medicine.

This web site gives access to a knowledge base allowing to submit, index and retrieve the abstracts of 998 communications presented during the Wonca Europe Paris 2007 congress.

This project is supported in part by a grant of the Wonca International Classification Committee (WICC).

Each abstract has been indexed with ICPC-2 and 3CGPFM, an experimental tool.

This knowledge base will be showed during the Workshop # 502 "Towards e-archive for Wonca document", Friday 19 Oct. 2007, from 9h to 10h30 in room 243, Palais des Congres, Paris.

Please feel free to contact us and to send us your remarks and critics about the project.

Your comments are welcome.

Marc Jamouille, md, mph  
Family doctor and Health data management specialist, WICC member  
Researcher, Dep of Gen Practice, UCL, Belgium.

Dominique Dekeuster  
Information and Communication Technology adviser  
Belgium

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<table>
<thead>
<tr>
<th>Context</th>
<th>Id</th>
<th>Abstract Title</th>
<th>ICPC</th>
<th>3CGPFM</th>
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<tbody>
<tr>
<td>Wonca 2007</td>
<td>1172</td>
<td>A perspective of antenatal care in Cukurova</td>
<td>W78</td>
<td>Q512 - QP32</td>
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<td>Wonca 2007</td>
<td>15</td>
<td>Audit of Use of Periconceptional Folate in Prevention of Neural Tube Defects in Singapore</td>
<td>W78 - *50</td>
<td>QD31 - QR21</td>
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<td>Wonca 2007</td>
<td>580</td>
<td>Defining the first admission time of pregnant patients to obstetrics and gynecology clinic of Ministry of health Ankara training and research hospital and evaluation</td>
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<td>Q513 - QP32</td>
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<td>Wonca 2007</td>
<td>282</td>
<td>Evaluation of dispeptic and genitourinary symptoms during pregnancy and their relation with laboratory findings</td>
<td>W78 - D87 - U71</td>
<td>QD33</td>
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<td>Wonca 2007</td>
<td>1129</td>
<td>Family doctors in Japan with specialist's support can provide maternity care for the most of pregnancy.</td>
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<td>Wonca 2007</td>
<td>966</td>
<td>Growth from birth to early infancy in offspring prenatally exposed to cigarettes</td>
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<td>Influence of 2006 rubella vaccination campaign in immigrant pregnant women serologies</td>
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<td>Pregnant undocumented migrants need better access to pregnancy care</td>
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<td>Screening for trisomy 21 in pregnant women: information, consent, satisfaction of patients</td>
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<td>QP42 - QP42 - QE2</td>
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<td>Sociocultural and economical situation of the pregnant patients who admitted to outpatient pregnancy care of ministry of health ankara training and research hospital</td>
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<td>731</td>
<td>Why don't GP's appear to be concerned with research? The Diagest 3-GP research</td>
<td>W78</td>
<td>QC22 - QD23 - QR42</td>
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</table>
Stands for Core Content Classification of General Practice / Family Medicine and is an authority list (a list of concepts) elaborated by Marc Jamouille and used experimentally.

- (QC) C Patient's categories
- (QD) D Provider (Doctor) issues
  - (QD1) Communicator
  - (QD2) Caregiver
  - (QD3) Care manager
  - (QD4) Agent of prevention
    - (QD41) Primary prevention
    - (QD42) Secondary prevention
    - (QD43) Tertiary prevention
    - (QD44) Quaternary prevention
  - (QD5) Complementary medicine
  - (QD6) Medico legal issues
  - (QD7) Professional image & identity
  - (QD8) Health provider personal life
- (QE) E Ethics
- (QH) H Hazards
- (QO) O Others
- (QP) P Patient issues
- (QR) R R & D tools
- (QS) S Structure of practice
- (QT) T Training & Knowledge management
Chose database

Chose a category
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<td>Are GPs’ feelings of burnout and discontent reflected in the psychological content of their consultations?</td>
<td>P78</td>
<td>QT41 - QT56 - QT8</td>
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<td>Wonca 2007</td>
<td>186</td>
<td>Burn-out among parisiann gpcs : a telephone hotline</td>
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<td>Burnout among resident family physicians</td>
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<td>Wonca 2007</td>
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<td>Wonca 2007</td>
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<td>Correctional health care for general practitioners: working circumstances, work satisfaction and burnout</td>
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<td>Do we as health care workers follow the guides for breast cancer and cervical cancer screening</td>
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<td>Gp’s burn-out syndrome: prevalence, causes and relevance in general practice.</td>
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<td>Wonca 2007</td>
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<td>Gut feelings in general practice: a practical definition</td>
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<td>Health care and promotion in the family health program in Brazil-report of an experience with a group of diabetes II patients in a brazil rural community</td>
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<td>Life quality associated with health of general practitioners – family physicians in southeastern europe</td>
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<td>Living conditions between general practicean women and others professionals women with the same level study : a comparative study</td>
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<td>Overload degree in non oncologic main informal medical trainer</td>
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<td>Wonca 2007</td>
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<td>Prevalence of smoking among health workers at house of health-Tuzla</td>
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Thank you!

Love from Belgium
(Magritte & Breughel painting)