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Core Content Classification in General Practice/Family Medicine (3CGP).
An Indexing System for General Practice Knowledge Management
Qualitative analysis of GPs production

• Method: $3\text{CGP} = \text{ICPC-2} + \text{Q-Codes}$
- Database: [https://www.hetop.eu/hetop/3CGP](https://www.hetop.eu/hetop/3CGP)
- Companion website: [http://3cgp.docpatient.net/](http://3cgp.docpatient.net/)


• Discussion

Jose de Almada self-portrait.
Porto. Museo Soares dos Reis.
ICPC-2
17 chapters + Process

Clinical issues

A general/unspecified
B blood/blood forming organs/immune mechanism
D digestive
F eye
H ear
K circulatory
L musculoskeletal
N neurological
P psychological

Q Q-codes

Process
R respiratory
S skin
T endocrine/metabolic/nutritional
U urinary system
W pregnancy, childbearing, family planning
X female genital system including breast
Y male genital system including breast
Z social problems

www.hetop.eu

3CGP

http://3cgp.docpatient.net/a-synopsis-for-family-medicine/

Q-Codes
8 domains

Contextual issues

187 concepts
10 languages

QC patient's category
QD doctor's issue
QE medical ethics
QH planetary health
QP patient issue
QR research
QS structure of practice
QT knowledge management

3CGP
<table>
<thead>
<tr>
<th>Title of the theses</th>
<th>ICPC1</th>
<th>ICPC2</th>
<th>ICPC3</th>
<th>Q-Code1</th>
<th>Q-Code2</th>
<th>Q-Code3</th>
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<tr>
<td>Atendimento jovem - consulta diferenciada do</td>
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<td></td>
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<td>QD11</td>
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<td>QP52</td>
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Thesis in GP/FM Portugal, Coimbra (Data Ariana de Oliveira Tavares)

VDGM 2018 Abstract Software Atlas-ti. (Data Marc Jamoulle)
Clinical interest of GPs during congresses: ICPC lens

Distribution of clinical concepts, ICPC-2. 4 congresses
Contextual interest of GPs during congresses: Q-Codes lens

Distribution of conceptual concepts. Q-Codes. 4 congresses
VDGM 2018; 7 communications addressing ethical issues
Why Qualitative analysis of GPs production?

- Identifying specific knowledge
- Preventing loss of knowledge
- Showing GPs extensive field of action
- Showing GPs intensive workload
- Showing emerging themes
- Showing missing themes
- Making the history of GP/FM
- Making GPs proud of their work
- Network facilitation
- Congress organisation
- Teaching GP/FM
- Bibliographic access
- Prepare GPs knowledge repository
- Ready for semantic web technologies

Discussion

Biombos do Barbaro do Sul. 16th century. Porto Museo Soares dos Reis. Detail
• 3CGP, a new indexing system in GP/FM available in OWL and free of use for research
• Experiences of human indexing ongoing
• First step of automatic annotation ongoing
• Good face validity, maybe Generalisability,
• Reproductibility, Inter-doctor variations not tested
• Update?
• Maintenance?
• Acceptability by the GP community?
Further reading available on http://3cgp.docpatient.net/publications/

Last publications


Last congresses

- Marc Jamoulle, MD, PhD Qualitative analysis of the communications to the WONCA group Vasco De Gama annual meeting 2018, Porto. Report to the VDGM group. January 2018

Thank you