The integration of public health in European primary care systems

Dionne Sofia Kringos
Wienke Boerma
NIVEL-Netherlands Institute for Health Services Research
www.nivel.eu / www.phameu.eu
CONSORTIUM

- NIVEL (consortium leader)
- University of Tartu (EE)
- IRDES (F)
- Heinrich Heine University (DE)
- University Witten/Herdecke
- Bocconi University (I)
- University of Tromso (N)
- Jagiellonian University (PL)
- University of Ljubljana (SV)
- IDIAP Jordi Gol (ES)
- Sheffield University (UK)
- University of Leicester (UK)
- WHO Europe
- European Forum for PC
- EUPHA
- EGPRN
- European Commission
PRIMARY CARE SYSTEM FRAMEWORK

Dimensions of the PC structure
- Governance of PC system
- Economic conditions of PC system
- PC Workforce development

Dimensions of the PC Process
- Access to PC services
- Comprehensiveness of PC services
- Continuity of PC
- Coordination of PC

Dimensions of PC outcomes
- Quality of PC
- Efficiency of PC
Public Health and Prevention indicators

- PH-PREV expenditures
- Clinical records to detect patients by health risk or diagnosis
- Clinical records used at local level for health policy development
- Community health surveys
- Nurse-led health education in PC
- Preventive care services: Tetanus immunization; Allergy vaccination; STD testing; HIV/AIDS screening; Influenza vaccination high-risk groups; Cervical cancer screening; Breast cancer screening; Cholesterol level checking
- % population receiving these preventive care services
- MCH and reproductive care services: Family planning/contraceptive care; Routine antenatal care; Routine paediatric surveillance
- Infant vaccination (GPs/Nurses) service: Diphteria; Tetanus; Pertussis; Measles; Hepatitis B; Mumps; Rubella
- % Children vaccinated

Individual health promotion services: Obesity; Physical activity; Smoking cessation; Alcohol consumption
Total Public Health & Prevention Integration Score

SE
NL
SI
LT
PL
DE
GB
FI
ES
SK
IS
BG
LU
BE
NO
CZ
TR
CY
DK
LV
FR
EE
CH
RO
IT
IE
MT
AT
PH-PREV and Governance of PC system

GOV Topics
- PC Goals
- Policy on equality in access
- Decentralization PC management / delivery
- PC Quality Management
- Patient advocacy
- Multidisciplinary collaboration policy
Multidisciplinary collaboration policy
PH-PREV and Continuity of care

**CONT Topics**
- Longitudinal cont.
- Informational cont.
- Relational cont.

EUPHA Conference
12 November 2010, Amsterdam
The use of computers by GPs in their office for various purposes

Purposes:
- Booking appointments
- Financial admin.
- Medicine prescription
- Med. record keeping
- Internet searches
- Specialist communic.
- Pharmacist commun.

Legend:
- Seldom/never
- Occassionally
- Almost always
- No data
Clinical records able to generate lists of patients by diagnosis or health risk.
PH-PREV and Coordination of care

COORD Topics
- Gatekeeping
- Skill-mix
- Collab. Sec. care-PC
- Integration PH in PC
Nurse-led health education in primary care

Seldom
Usually
Very common
No data
Use of clinical patient records from GP/PC at regional/local level to identify health needs or priorities for health policy.

- Seldom/never
- Incidentally
- Routinely (h.stats)
- No data
Use of community health surveys to improve quality and responsiveness of PC

Incidentally at local/reg. level
Regularly at local/reg. level
Nationwide regularly/incid.
No data
PH-PREV and Comprehensiveness of care

COMPR Topics
- Medical equipment
- First contact care
- Treatment/follow-up
- Medical technical procedures
- Preventive care
- MCH & Reprod. Hv
- Health promotion
GP involvement in

Preventive care

Health promotion

Rarely
Occasionally
Usually
No data
Patients receiving

Breast cancer screening
women 52-69 past 3 yrs min. 1 mamm.

Flu vaccination
60+ yrs, past yr
Summary view: PC Strength & PH-Prevention
Thank You

Dionne Sofia Kringos
d.kringos@nivel.nl

EUPHA Conference
12 November 2010, Amsterdam