

Health Information and eHealth in the EU

Health Information Unit

DG Health and Consumer Protection, European Commission

EAHIL, 13 September 2007

Discussion

Health information in the EU

know to act

Information System, structural funds, portal
evidence-based, best practice

Information and eHealth

tools for patient and health professional support
health literacy

EU Health Information

Provide quality, relevant, comparable and timely data, information and knowledge

Basis for public health decision-making at European, national and sub-national level

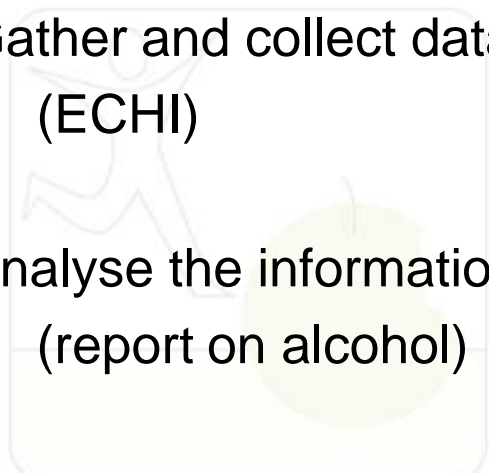
Choosing relevant set of data and indicators, up-to-date information technology and relevant statistical analysis

EU Health Information

Gather and collect data
(ECHI)

Analyse the information
(report on alcohol)

Disseminate knowledge for action
(Public Health Portal; eHealth high-level conference)



Knowledge System and eHealth Communication

Expected date of adoption of the proposal: 2008

Organisation and responsibility for health information in the EU
between the different stakeholders

Collection and dissemination at EU level of information created by a health care provider, a public health authority or a scientific team, related to the physical or mental health status or use of health resources in the EU

Knowledge System and eHealth Communication

The Information System is a tool for supporting decision-making, monitoring implementation and evaluating impact

Avoid blurred assignment of tasks (Eurostat, DG Sanco, DG Empl, the Agencies, PHP surveillance networks, etc) overlaps and gaps; promote standard operating procedures

Common framework of indicators (ECHI, HLY, ENHIS, etc), sources (European Health Survey System, the future EU Hospital Information System and the System of Health Accounts), disease registers, reporting, international stand...

Knowledge System and eHealth Communication

An European Committee on Standards on Health Information should be created to ensure good governance and:

- Availability of health information and knowledge: accessible information to policy-makers, public health experts, researchers and the public at large
- Data Quality: comparable, harmonized, valid, reliable, timely information regarding public health issues
- Relevance: information linked to public health concerns
- Efficiency: reasonable cost per high quality and relevant information

Action on structural funds

Small increases in the resources allocated to prevention, lifestyle changes, screening, early detection, predictive medicine, health promotion, patient safety, work flow improvement and ICT, home care and remote monitoring, can prove to be efficient (e.g., reducing waste, acute episodes or unplanned hospitalizations)

Evidence-based medicine, links between primary and secondary, long-term interoperability, promotion of standards and terminologies

Addressing health workforce shortages; providing training to public officials to support HiAP

EU Public Health Portal

User-friendly entry point for reliable health information

citizen empowerment for health style behaviour change

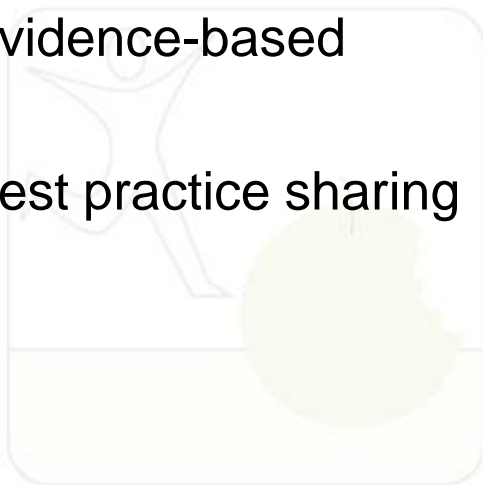
disease sheets (but not medical advice)

patient support groups

Working groups

Evidence-based

Best practice sharing



eHealth

Information and Communication Technology applications for Health

from smart health cards to ebooking, to webportals, to remote monitoring and advanced telemedicine

from installing MSOffice to support hospital billing to implementing EHR?

Not everything

No

err reliably

create privacy and confidentiality problems

introduce technology without people buy-in

interpose a computer between the patient and the doctor

create a digital health divide

But

“I do not fear the computer. I fear the lack of them”

Power tools

Yes

provide patient and doctor with empowering tools
support technological improvement
improve organizational efficiency and sustainability
develop solutions centred on the citizen
increase (e)health literacy and access



Answering demand

Patients wish to use the Internet to book, prepare and follow-up appointments

Doctors want to have access to better diagnosis tools and knowledge repositories

Care institutions aim at streamlining processes and improving logistics and support activities (e.g., using simple sms as reminders for appointments)

Public health authorities need to increase patient safety (e.g., eliminating hand-written prescriptions), reduce waiting lists and improve monitoring and system sustainability

EC eHealth action plan

Coordinate and promote synergies for an European eHealth area

part of the Lisbon strategy

create an electronic health record architecture through
standardisation

set up health information networks to coordinate reactions to
health threats

ensure online health services such as information on healthy
living and illness prevention

teleconsultation, ePrescribing and eReimbursement

Specific objectives

Assert the importance of leadership

Develop interoperability of health information systems

Promote patient identifiers

Develop interoperability of electronic health records

Use eHealth to support mobility of patients and professionals

Create conformity testing and accreditation for eHealth applications

eHealth2020

Examples of projects being tested and developed with stakeholders

web-based template for a minimum patient medical data

myHealthSpace

Web template

Support for mobility

inside the MS

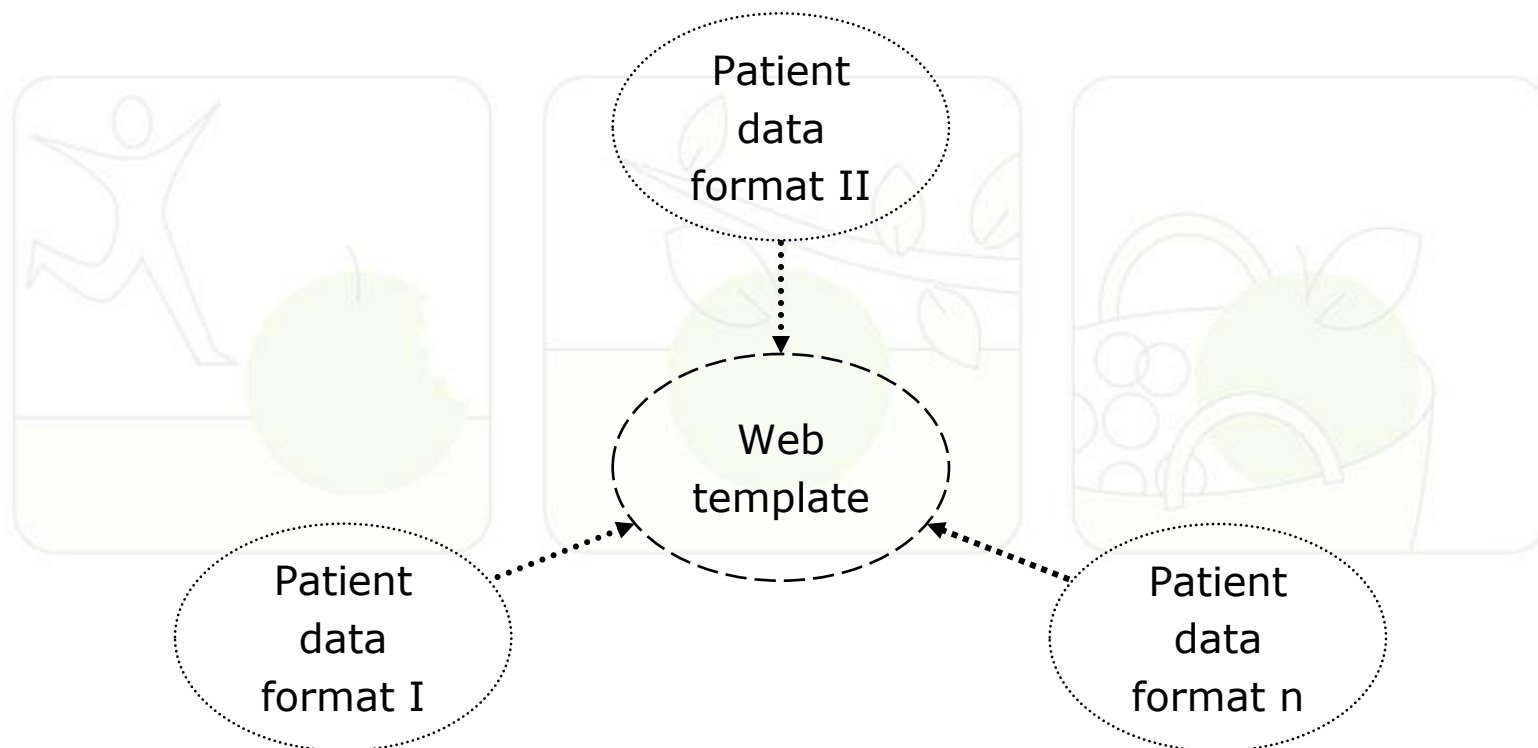
across border regions

among MS



(when mobility is of relevance)

One interface



Basic information

Name	Smith, John [+ additional data on the eHIC]
Blood type	A+
Allergies	Penicillin
Medication	Paracetamol
Disease	Diabetes
Other	High blood pressure [+ referral, links, contacts, alerts]

Categories and language

Nome

Smith, John

Tipo sangue

A+

Alergias

Penicillin

Medicação

Paracetamol

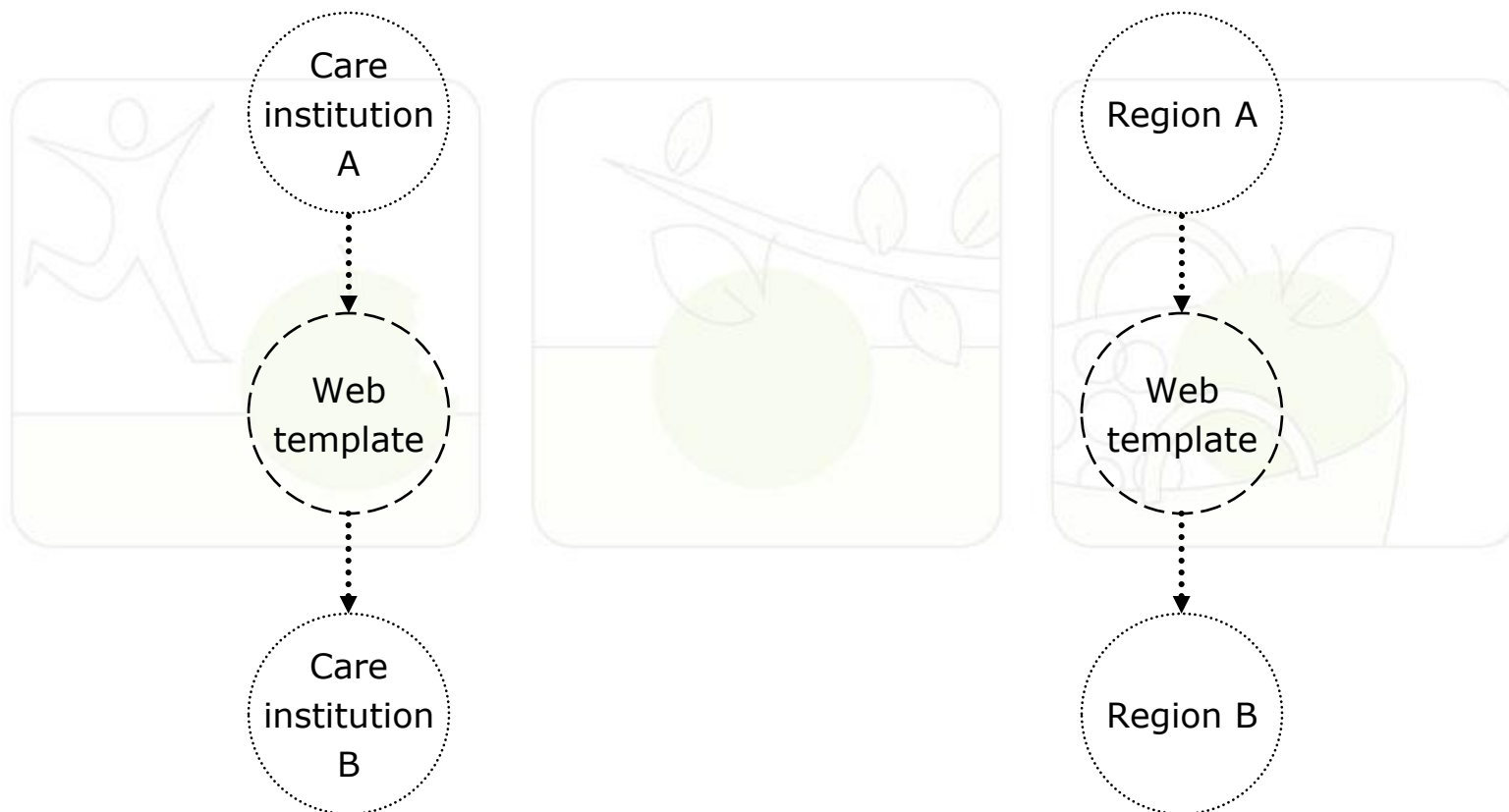
Doenças

Diabetes

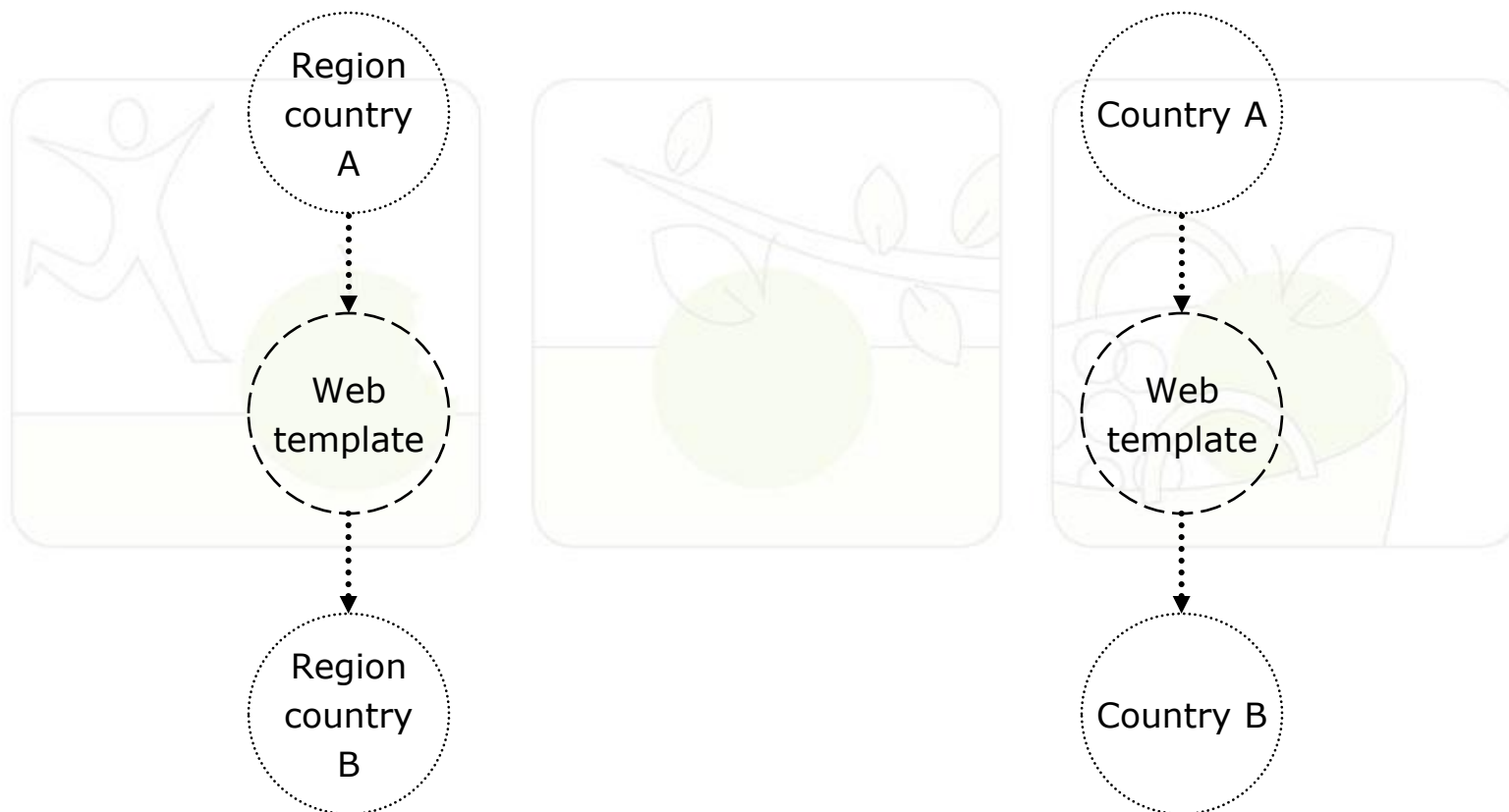
Outros

High blood pressure

Moving information



Moving information abroad



Web template

Multilinguism

Nomenclature

Interfacing

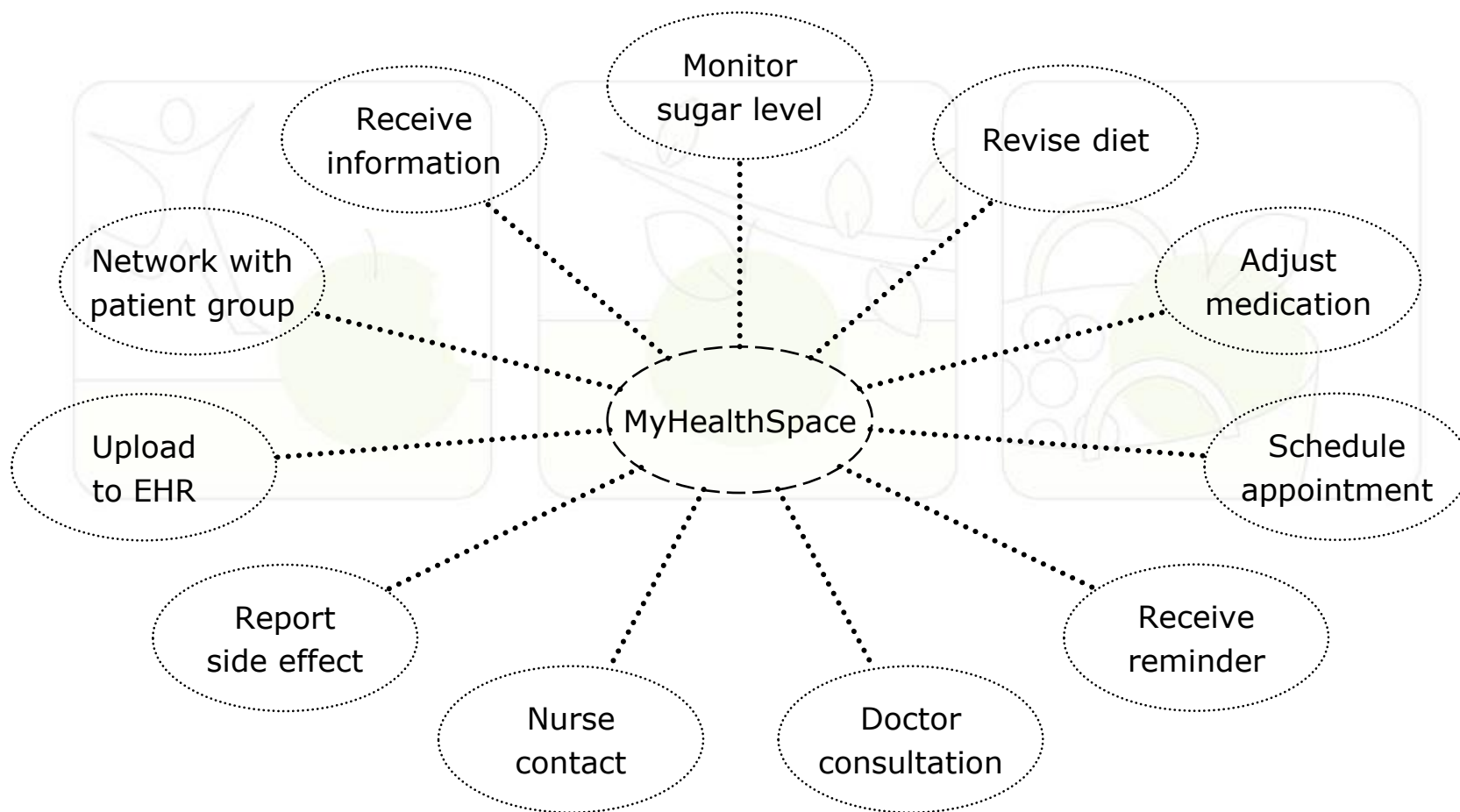
Multiple support (paper to smart card)

Data protection regulations

Practical approach



myHealthSpace



In brief

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European Public Health Portal

More at

<http://health.europa.eu>



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