Trillium II – What is the future?

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The future ... looking to the past

COMMISSION RECOMMENDATION
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on a European Electronic Health Record exchange format
From Unplanned Care to Planned Care

a) Patient Summary
b) ePrescription / eDispensation
c) Laboratory Test Results
d) Medical Images
e) Discharge Letter
Pillards for “evolution”

✓ eHealth Network Guidelines Release 2: a strategic roadmap
✓ Refined – European Interoperability Framework, adopted by eHN
✓ Health Level Seven (HL7) Clinical Document Architecture (CDA) Release 26 Level 3 (structured and coded) and Level 1 (PDF/A)
✓ Consider possibilities offered by resource driven information models (such as Health Level Seven Fast Healthcare Interoperability Resources (HL7 FHIR©))
✓ The use of secure electronic identification and authentication means provided for in Regulation (EU) No 910/2014 of the European Parliament and of the Council (eIDAS)
✓ The highest possible standards for security and data protection, compliant to the General Data Protection Regulation

➢ Adopt the Connective Europe Facility eHealth Digital Service Infrastructure (CEF eHDSI) infrastructure, specifications and procedures
eHealth Interoperability “layers”

• eHN Guidelines
• CEF eHDSI Requirements Specifications
• CEF eHDI Guidelines & Specifications
• CEF eHDSI CDA Implementation Guide
• National Contact Point for eHealth Reference Implementation (NCPeH)

➢ Evolution
  ➢ Gradual adoption of CEN International Patient Summary (CEN IPS)
  ➢ Harmonisation process with HL7 CDA IPS Implementation Guide
  ➢ Possible new services through HL7 FHIR IPS

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Building blocks of the International Patient Summary standards and beyond

- Subject
- Author
- Attester
- Custodian

Required:
- Medication Summary
- Immunizations
- Vital Signs
- Functional Status (Autonomy/Invalidity)

Recommended:
- Allergies and Intolerances
- History of Procedures
- Past History of Illness
- Plan of Care

Optional:
- Problem List
- Medical Devices
- Pregnancy (status + history summary)
- Advance Directives
- Diagnostic Results
- Social History
- Functional Status (Autonomy/Invalidity)

Compliant with EC Communication on EHR Interoperability

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Elements of a governance framework for IPS from Trillium

- **Initiative** – aim of the patient summary initiative and stakeholders involved in exchange

- **Specification and Standards** – patient summary specification developed or used in the initiative, extent that standards are referenced in the specification or exchange infrastructure

- **Governance Scope and Objectives** – governance in place for the initiative, responsible parties, embedding of patient governance, current & future scope including sustainability

- **Stakeholder Involvement** – stakeholders involved in patient summary exchange; responsible parties for patient summary governance, parties with particular purpose or indirect role;

- **Update and Version Management** – for any specification to remain relevant in health care and health informatics, specification updates and version management need full alignment with the maintenance of the underlying standards.
THANKS
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