Cross-enterprise Basic eReferral Workflow Definition (XBeR-WD)

Brief Profile Proposal for 2011/12
presented to the
PCC Planning Committee

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The work effort for profiling the XBeR-WD has been estimated **medium.**

The work requested to PCC is:

- definition of the clinical process (for the specific clinical process the effort is estimated low):

- definition of a common structure of a workflow definition profile. (effort estimate medium)

- definition of a common language to define a workflow definition profile. The world of definition profiles could need the use of specific words from workflow management world. There will be the necessity to analyze the common understanding of the language by the IHE users. (effort estimate medium/high)

The Problem

This profile proposal born as development of **the ITI XDW profile** to manage the Cross Enterprise Basic eReferral Workflow.
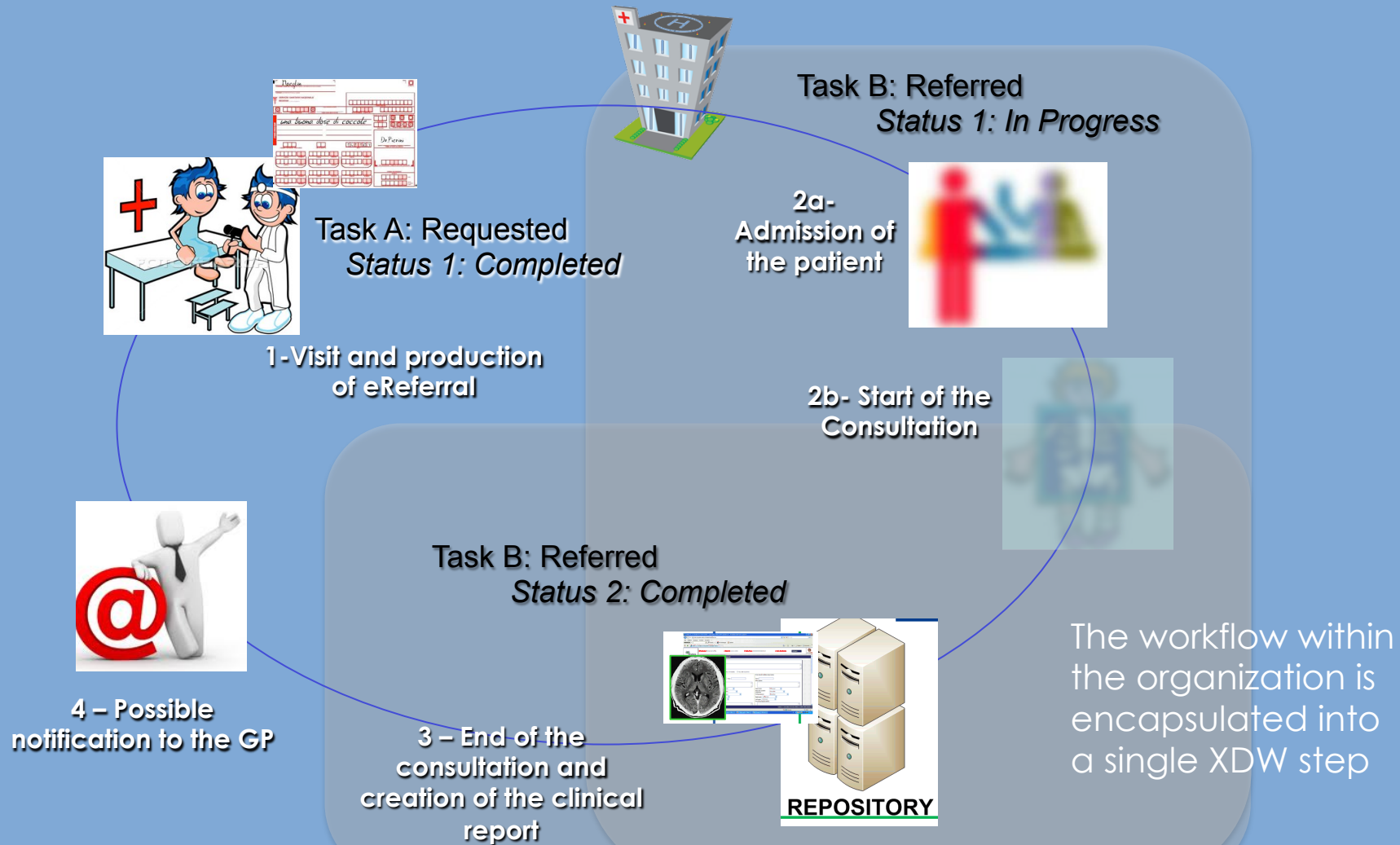
The management of the workflow related to the eReferral is involved in many clinical and organizational.

Without an **instrument which manage its workflow**, the eReferral is only an order without any information about the status of the order itself. The definition of a workflow with **fix rules and task** is needed in a scenario cross enterprise in which many actors are involved in the same process

We have estimated that only in the Veneto Region the introduction of the use of digital referral (eReferral) will entail a **saving of about 56 million Euro** thanks to:

- a better quality control of the process
- the reduction of the errors in the management of all clinical documents and related workflows
- the increasing of the efficiency of the process itself.
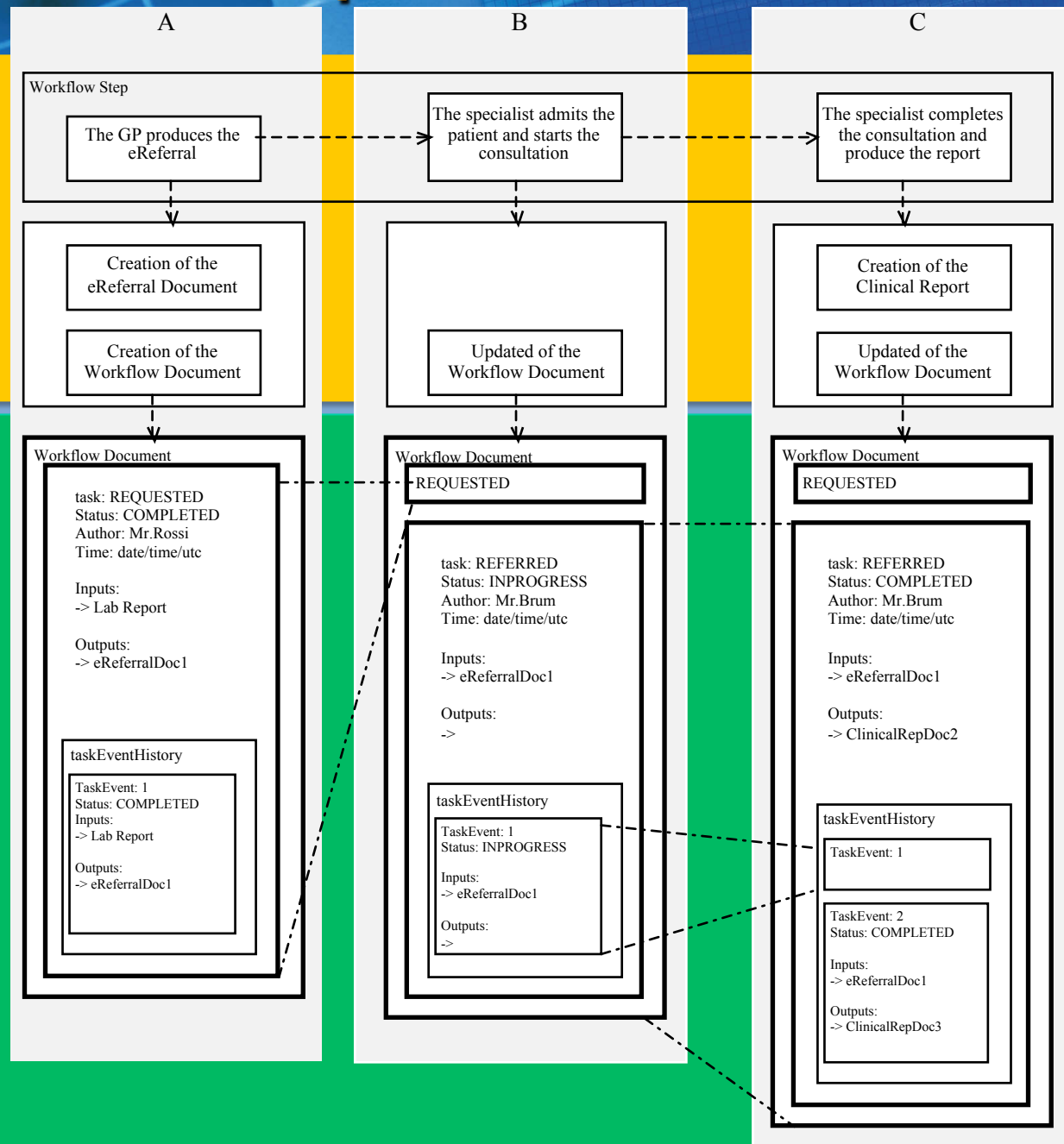
Use Case: an example of eReferral workflow(2)

Workflow Description

XDW

Evolution of shared Workflow Document

Proposed Standards & Systems

- **Afferent IHE Domains**
  - IT Infrastructure, Patient Care Coordinator

- **Afferent IHE Profiles**:
  - XDW, XDS.b, XDM, XDR, DSUB, NAV, XCA, BPPC, ATNA, XUA

- **Other standards items**:
  - OASIS HumanTask

- **Stability and robustness**:
  - No new transaction are introduced
  - No XDS Metadata extension expected, but specific rules about Metadata content for the workflow Document

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The value statement of this proposal is:

- the **standardization of the workflow** for eReferrals and of its management;

- the use of an instrument, the ITI XDW profile, which provides a **shared solution with different process** which guarantees the interoperability between the different workflows and their management.

The specification of **Workflow Definitions** is distinct from the XDW Profile, out of the scope of the ITI Domain and is currently best handled with a natural language expression, it **is specific duty of each domain** to define the workflow definition profile to manage the different specific workflow.

This is a simple process which can provide the basis to the definitions of other more complex clinical workflows.

- The work effort (in term of documentation) for profiling the XBeR-WD is low because there aren't new transactions and the new actor and the structure of the document is defined by ITI.

- The work will be focused only on the definition of the process and its rules.

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