

Project objective 3 - when

The experimental phase of e-learning service is supposed to work on late 2004.

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Project objective 4

Fourth objective is to facilitate bilateral actions between hospitals through twinnings and MoUs. Twinnings may generate from better mutual knowledge of centres participating to IPOCM.

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Project objective 5

Fifth and last objective is to acquire punctual information of health needs to be represented at policy levels for effective cooperation actions.

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Project framework – legal basis

To achieve its objectives, IPOCM project is supported by an Association named “Alliance of the Italian Hospitals World-wide”, constituted by 61 Italian hospitals and 5 Italian Ministries.

The draft National Health Plan 2003-2005 includes IPOCM as one of the actions to be pursued to improve the quality of Italian health structures.

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Project description - Secretariat

This Association, physically based at the Ministry of Health's premises, is boosted by a Secretariat of Technical Assistance. Main scope of the Secretariat is to assist hospitals dialogue and provide them with methodological tools and statistical elaborations.

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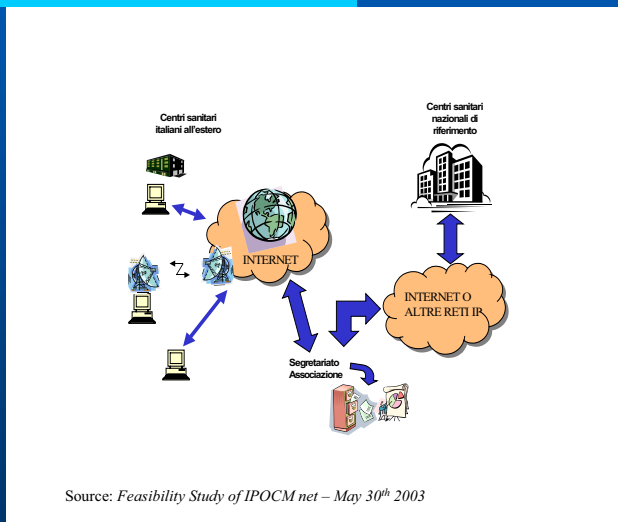
Project description - flows

The Secretariat acts as “hub” for teleconsultation, taking in and forwarding a request to a credited centre for reply. By doing so, it is made sure that a single reference centre is not overcharged and an effective service and a specialistic contribution sustainable over time is guaranteed.

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Project description – architecture



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Teleconsultation system description – what is it about?

It consists of a software studied and produced under Microsoft environment and uses XML message structure and digital signature.

This software has been presented and discussed in the occasion of the Second Conference of Italian hospitals held in Rome last November.

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Teleconsultation system description – dialogue fields

It is made of few sections, organised in dialogue fields. First section describes essentially patient and doctor data.

Patient references are codes, attributed by the hospital doctors.

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Teleconsultation system description – data protection

Coding makes patient data protection effective, the digital signature certifying the workstation where teleconsultation starts from.

By their combination, full patient data protection on the web is guaranteed.

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Teleconsultation system description – clinical section

The second section is about patient's story, clinical examination, tentative diagnosis, observed therapy and formulated question. Some fields are fillable by using wizards, to facilitate procedure standardisation.

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Teleconsultation system description - standardisation

Great attention has been paid to ICD9 pathology coding, to avoid discrepancies in terminology.

ICD9 is pre-loaded and accessible by clicking on the appropriate icon.

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Teleconsultation system description – drugs identification

Also drug therapy field has been designed in a sense of getting relevant information regardless drug commercial name.

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Teleconsultation system description - attachments

It is possible to attach texts, images and short movies to give details of the clinical case. When sending the request, the system automatically applies the electronic signature.

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Teleconsultation system description – digital signature

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E8

WORKSHOP VIII

Teleconsultation system description – examples



*Courtesy of Giannina
Gaslini Institute*

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Teleconsultation system description – examples



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Gaslini Institute*

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Teleconsultation system description – message routing

When the Secretariat receives the request from a referring doctor, it forwards it, on the basis of pathology indexes, to the appropriate Italian reference centre in Italy or abroad.

The reference centre, approximately in 72 working hours, will be processing it and replying through the Secretariat by using the following form.

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Teleconsultation system description – data analysis

The technical Secretariat routinely stores and analyses data flows, in order to produce statistical and epidemiological reports (ordinary outputs).

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Teleconsultation system description - flexibility

Also the reply form from the specialist permits attachments acquired via different sources, and they can be learning objects (2-3 minutes)

The reply form provides both to give a second opinion on the tentative diagnosis and to answer a different question, for example about therapeutical protocols or diagnostical flow-charts.

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PRO's

- Low cost system
- Easy-to-use forms (thought by docs for docs)
- Extreme flexibility (full or partial use)
- Standard pathology description (ICD9)
- Teleconsultation system integrating education
- Genuine reconstruction of pharmaceutical treatments
- Sensible data protection and workstation identification by the Secretariat

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