

The Future of Hospitals and Healthcare

HOPE Exchange 2016 participants in Italy:

1. Magdalena Markowska

Maria Sklodowska-Curie Memorial Cancer Center and Institute of
Oncology Gliwice Branch, Poland

2. Milagros Ramasco

Dirección de Salud Pública Consejería de Sanidad Comunidad de Madrid,
España



MARIA SKLODOWSKA-CURIE MEMORIAL
CANCER CENTER AND INSTITUTE OF ONCOLOGY
GLIWICE BRANCH



OUR HOSTS:

ITALY



REGIONE DEL VENETO



**AZIENDA OSPEDALIERA UNIVERSITARIA
INTEGRATA DI VERONA**
University Hospital of Verona



General Aspects of ITALY

Population: 61 millions (the 6th
most populous country in
Europe)

Regions : 20 which are varied
for: level of autonomy, size,
population, rate of economic
development

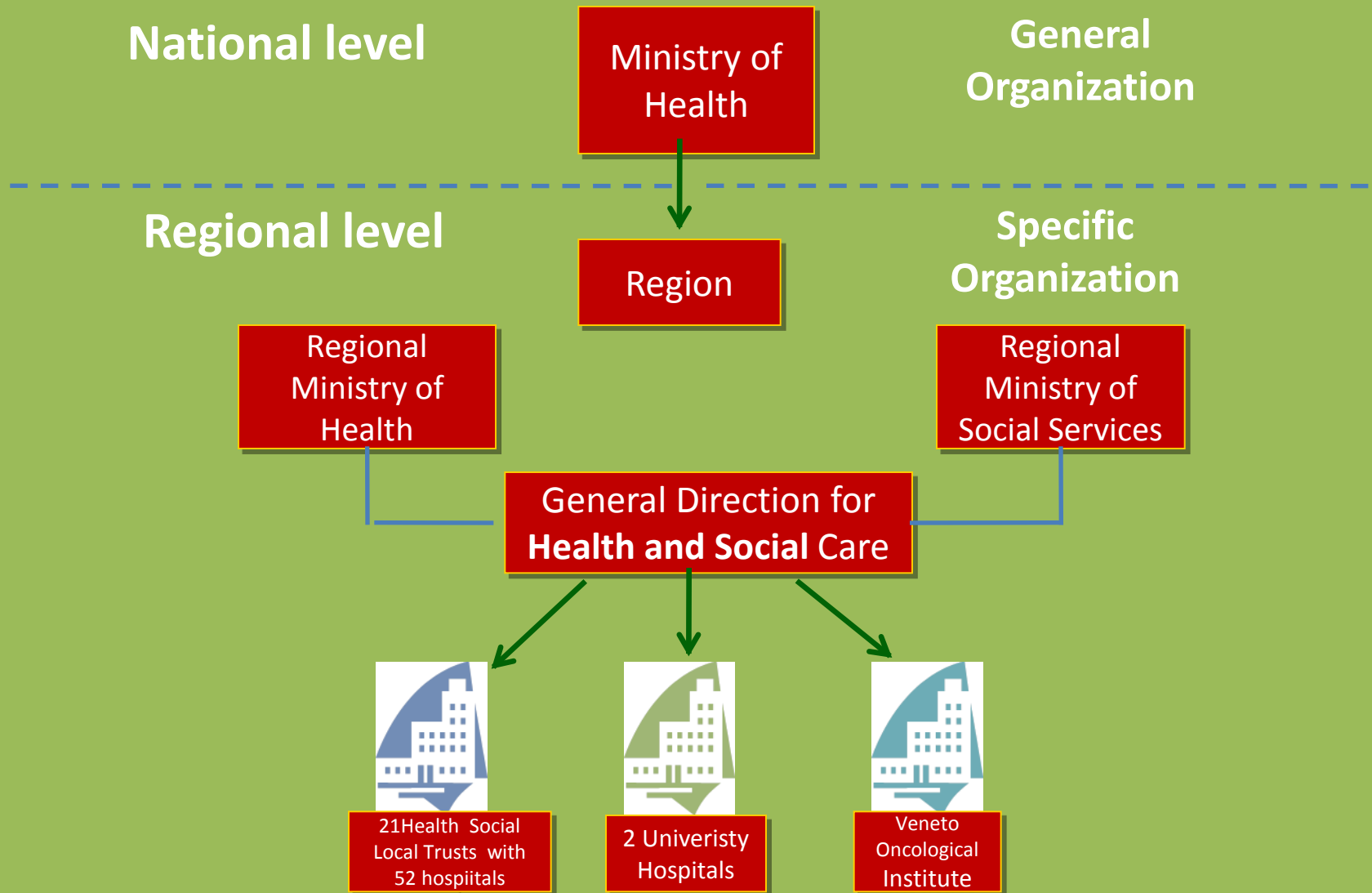


VENETO REGION

5 millions
inhabitants

Territory divided in:
7 counties
(province)
579 municipalities

ORGANIZATION OF HEALTHCARE IN ITALY AND VENETO REGION



FINANCING

National Level states the main rules regarding Financing System:

Since 1978: Beveridge System , based on taxation and covering all the citizens.

It was created as “Universal System”

The total amount of NATIONAL HEALTH FUND : around 111 billions of Euro in 2016

The amount for Veneto Region is around 8,1 billions of Euro in 2016 to guarantee essential levels of care

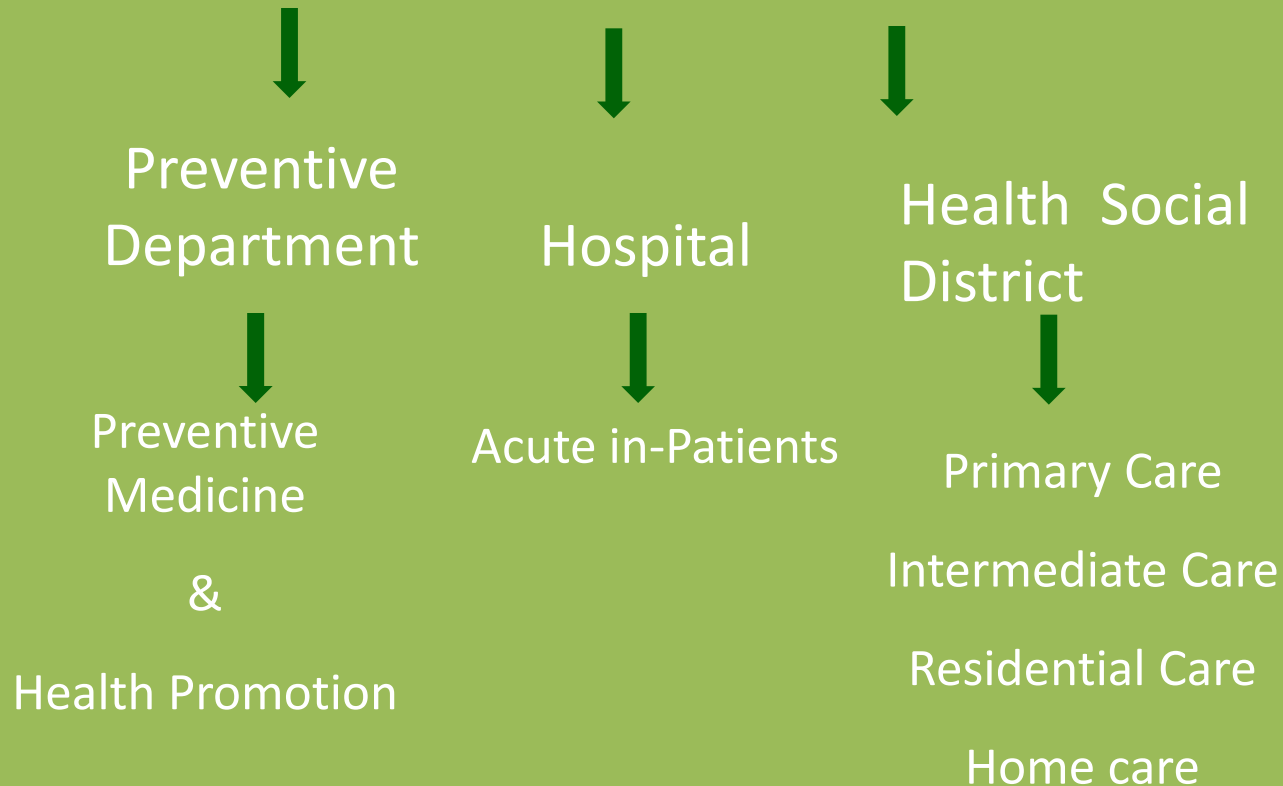


*Danae receiving the golden rain – 1564
(by Titian) Kunsthistorisches Museum Vienna*

Health Local Trust



Organizational Levels



+ Social Assistance (in Veneto)
Strong collaboration with
Municipalities

Innovation in hospitals and healthcare: the way forward...

What we would like to see implemented in Spain and Poland?

1. Centro di Simulazione
“Practice” della
Azienda Ospedaliera
Universitaria di
Verona
2. Electronic data base
and telemedicine



1. Centro di Simulazione “Practice” della Azienda Ospedaliera Universitaria di Verona

- created in Sept. 2012
- Activities are aimed at physicians, nurses, technicians, health professions and technical administrative staff already working in the health service, also regional and national, as well as doctors in specialist training at the University of Verona to develop professionalism and innovation.



<https://youtu.be/eYe8tANE1L8>

Centro di Simulazione “Practice” della Azienda Ospedaliera Universitaria di Verona

- The Practice consists of surgical simulation laboratories,
- Meeting Rooms (with Da Vinci Robot dedicated to training), computer rooms,
- A large hall (formerly Coronary ICU) multifunctional used as the set for the production of short films and Scenarios in the field of emergency and other departments, also equipped with audio/video camera systems and directing



<https://youtu.be/eYe8tANE1L8>

Centro di Simulazione “Practice” della Azienda Ospedaliera Universitaria di Verona

A real "platform" for skills development in medical/healthcare, addressed to different specializations and professionals of all levels.

Use the most advanced technical solutions with a didactic approach particularly effective for the purpose of strengthening and improving of specific skills, technical and non-technical (NTS), individual and team for the development of skills related to teamwork in emergency situations/urgency, both ordinary and extraordinary



<https://youtu.be/eYe8tANE1L8>

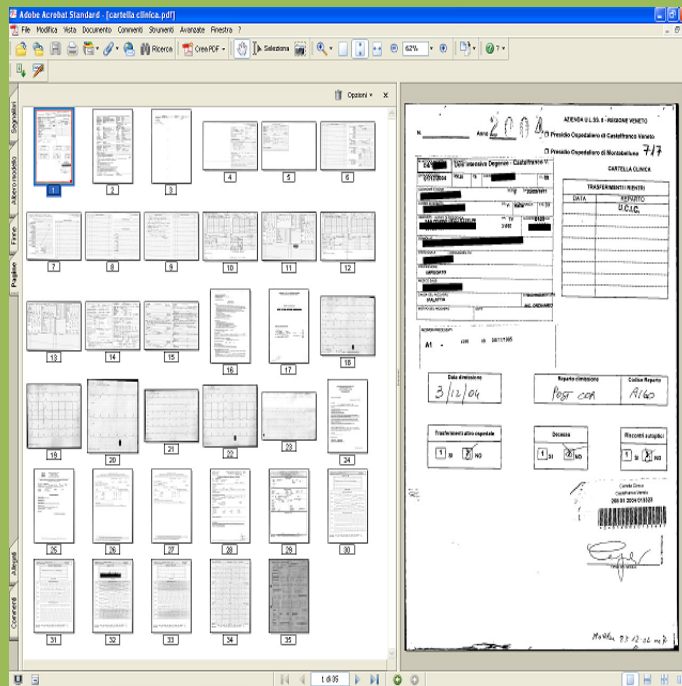
2. Electronic data Base and Telemedicine: General Aim (Pilot Projects)

To facilitate the cooperation between the different providers by IT systems, to increase sharing health information, to make easier the continuity of care & to enable each patient and doctor to control better patient's healthcare in digital form, easily accessible and easily manageable...

Since 2006, all In-patients paper documents are **PHOTOCOPIED IN PDF FORMAT**

Can be seen by doctors on their PC using Acrobat reader

When a patient has to be controlled after in-stay
doctor requests to have the document digitalized



EACH LIGHT FILE
has to be translated in
INTERNET READABLE FORM

CONSULTATIONS AT DISTANCE - TELEMEDICINE

PATIENTS CAN REQUEST CONSULTATIONS
WITH DOCTORS ALL OVER THE WORLD

What about PATIENTS PRIVACY ?

Temporary delegation

The screenshot shows a web browser window titled "Patient's Personal Clinical File - Microsoft Internet Explorer fornito da U.I.S.S. Asolo". The address bar shows a URL starting with "http://pc.ussasolo.ven.it/". The main content area displays a patient's clinical history with the following details:

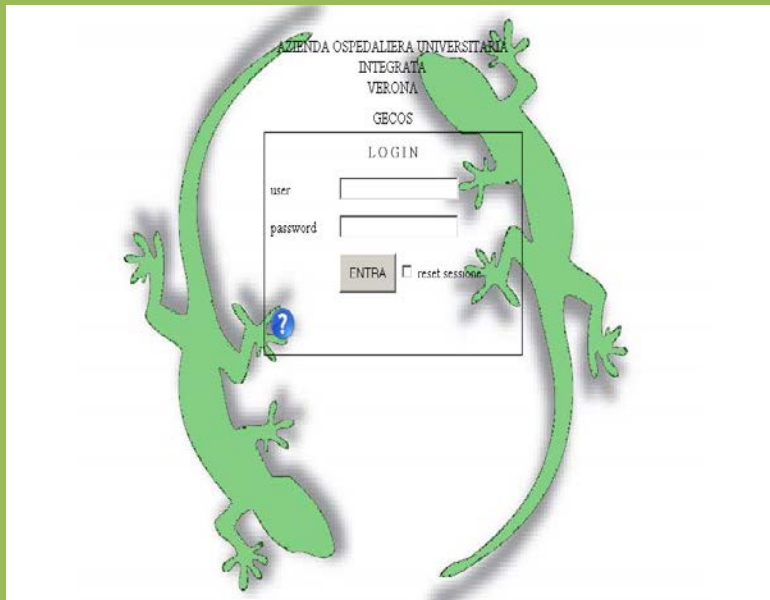
- Patient: [Name], Date of birth: 11, TC: GI
- Event: Ricovero, Num.: [Number]
- Date Opening: 27/9/2006, Description: Diagnosis Admission
- Operating unit: S.S.D. DI CHIR. TORACICA CF-DEGENZE, Branch: [Branch]
- Date resignations: 29/9/2006, Doctor: [Doctor]
- DRG assigned: [DRG]
- Description Event: EMORRAGIA GASTROINTESTINALE CON CC

Below the event details, there are buttons for "Diagnosis", "Treatments", and "Operations". A "documentation" section follows, containing a table with columns "Date creation", "Description", "Author", and "Show".

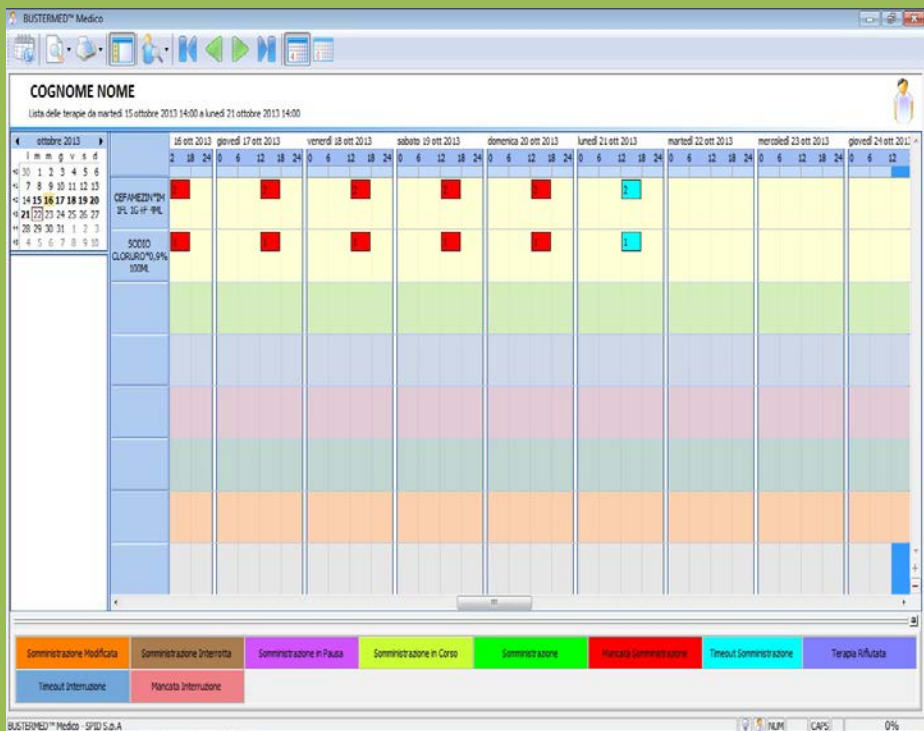
Date creation	Description	Author	Show
1/28/2006 12:00:00 AM	Referto Laboratorio		Show
1/28/2006 12:00:00 AM	Referto	delizi	Show
1/29/2006 12:00:00 AM	Lettera di Dimissione		Show
1/28/2006 12:00:00 AM	Immagine R. Addome		Show
1/28/2006 12:00:00 AM	Immagine R. Torace		Show
1/29/2006 4:01:34 PM	Cartella Clinica		Show

Below the table, there is a link "Returns to the directory of the events". To the right of the main content area, there is a "Patient" search bar, an "Event Search" section with fields for "Date Opening", "Date Closing", "Description", "Code ICD9", "Branch", and "Event Type", and a "Functions" section with a button labeled "Temporary delegation". A large green arrow points from the "Temporary delegation" button in the Functions section to the "Temporary delegation" text in the slide.

Thanks to IT systems implemented in hospital in Verona:
patients are safer, registration and management is much easier
and faster, errors and mistakes are more under control,
all the medical staff can see all records and read it easily,
departments can share data between each other immediately,
control of complexity of documentations is easier, etc....



Examples of programs used for collecting and managing patients data



BUSTERMED™ Manager - DIVISIONE: MEDICINA INTERNA B D.U. - UTENTE: MEDICO B. 17/10/2013 10:46

COGNOME NOME (17/02/1944) Età: 69 anni Stato allergico non definito

Elenco Degenti

REPARTI: MEDICINA INTERNA B D.U.

STANZE: TUTTE

Divisione/Reparto: MEDICINA INTERNA B D.U.
Ricovertito in: MEDICINE EST MEDICINE EST A

Terapie

GENERALE ORALE ENDOVENA

Terapia Farmaco Unità Applicazione

Orale ACIDO ACETILS LFH*20CPR 500MG COMPRESSE

Tutti i giorni

Inizio: 17/10/2013 00:00 Ultima modifica: 17/10/2013 10:39 da: MEDICO B 1/2

Terapia Farmaco Unità Applicazione

Endovena RANIDIL*EV 10F 50MG/SHL FIALA

Tutti i giorni

Inizio: 17/10/2013 00:00 Ultima modifica: 17/10/2013 10:44 da: MEDICO B 2/2

Stampa

Gestione Logistica

Cartella Clinica e8003238 MARCER

Paziente Cod.Fiscale Nosografico Mda

Data Nascita EPID Data Ricovero UO

Sesso Età Letto

Mda M00900 MDA DEGENZE MEDICINE EST BR UO 000401 MEDICINA INTERNA B du

Anamnesi Esame Obiettivo Diario Integrato Terapia e Parametri Accertamento Scale

Barthel Brass Braden

Referti Maris

Thank you for your
attention!
Grazie e saluti da
Verona!

