

Ancona Hospital and APOTECA receive ICT Prize | Loccioni Humancare

<http://humancare.loccioni.com/index.php/2011/05/italiano-il-riuniti-di-ancona-riceve-il-premio-ict-grazie-ad-apoteca/>

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Yesterday
3rd May **Dr
Nadia
Storti**
Health
Director of
**Ancona
University
Hospital**
was
awarded
the "**ICT in
Health
care:
innovation
in search**

for a player" prize, by the Milan *Politecnico's School of Management* during the presentation in the Health care section of **Osservatorio ICT in Sanità** research results symposium held at Milan Politecnico. **APOTECA** project developed with **Loccioni humancare** received the award in the category "*Hospital processes drugs software management*".

APOTECA project has already developed the first automatic system to well defined doses of chemotherapeutic drugs and now has developed software to manage the distribution of these drugs from pharmacy to the patient. The combination of automation of the delivery of doses of chemotherapeutic drugs and computerization with *Log80 software for APOTECAchemo* has led to the elimination of errors in different phases of the drug delivery. Specifically this approach has customizing care by ensuring data integrity and safety, documentation and traceability of the activities performed, decreasing the professional risk for the operators and optimizing the process for the preparation of doses of chemotherapeutics to delivery to the patient.

APOTECA has distinguished itself by automating the preparation of well-defined doses of highly toxic chemotherapeutic drugs that was previously performed manually by pharmacy personnel and the integration and validation of all the information from prescription to administration. An additional important factor that influenced the judges was the involvement of all personnel in oncology, hematology and pharmacology who shared their requirements and expertise with **Loccioni humancare** team and thereby made **APOTECA** project possible.

In terms of numbers, in the first months of this oncology, hematology and pharmacology collaboration, the project has:

- treated **798** patients
- added and validated **430** additional protocols
- prepared **8,982** doses of chemotherapeutic drugs from prescription to administration
- used **97** different chemotherapeutic drugs from prescription to administration
- involved **79** clinicians
- **more than 95%** of the preparation of doses of chemotherapeutic drugs has been performed with **APOTECAchemo** automated system.

APOTECA project has been created by **Lab@AOR**, **Loccioni humancare** laboratory at *Ancona Hospital*. This success is only possible as a result of dialogues and exchange of technical/medical ideas with the hospital staff. The **APOTECA** involves the integration of the needs of oncology and

hematology with the drug delivery of pharmacology via the **DATA**center software network at Ancona hospital. This project also represents an example of the benefit of targeted public-private collaboration to the improvement of patient health care through sharing of expertise from critical disciplines.

Tags: [AOR](#), [Apoteca](#), [apotecachemo](#), [automation](#), [azienda ospedaliario universitaria ospedali riuniti di Ancona](#), [coinvolgimento](#), [condivisione](#), [filiera oncologica](#), [Innovazione d'autore](#), [Innovazione in cerca di autore](#), [integrazione](#), [Loccioni](#), [Loccioni humanicare](#), [Osservatorio ict in Sanità](#), [percorso onco-ematologico](#), [Politecnico di Milano](#), [premio](#), [premio ict](#)