

RFID & Health Care

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13 DECEMBER 2008

RFID & Health Care: Why?



- The socio-cultural changes:
 - Patient and Doctor relationship
 - “Bad health care” cases
- Law changes:
 - Reverse Burden of proof (presumption of guilt)
 - New forms of “damage” (aesthetic, moral,...)

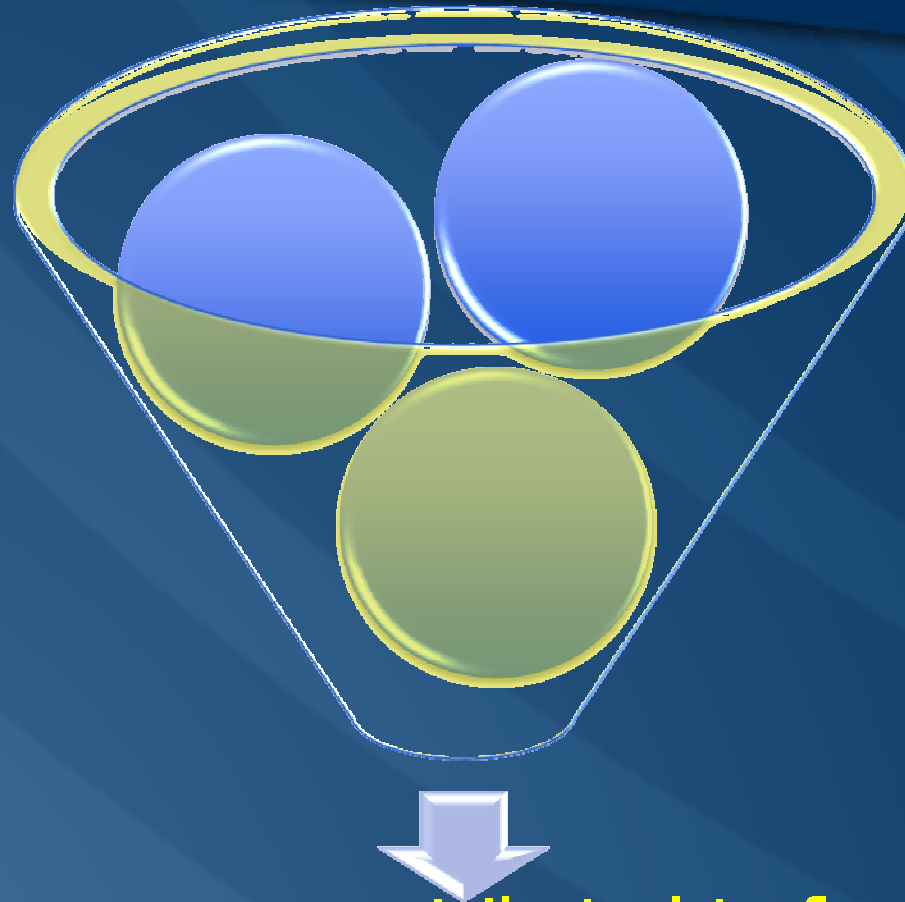


RFID & Health Care: Why?



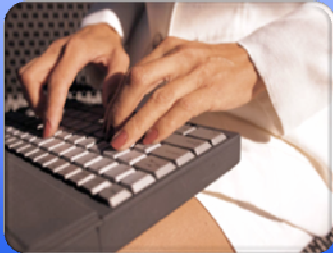
- Disputes and compensations growth:
 - Lawsuits growth
 - Claim for damages growth
- Insurance companies:
 - Accident compensations superior to insurance premiums collected
 - Improvement of surveys about risk prevention

Clinical Risk Management



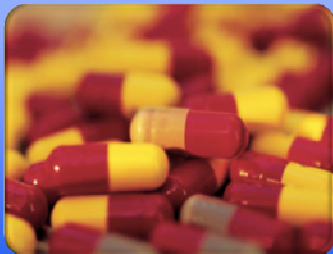
These causes contributed to focus on
CLINICAL RISK MANAGEMENT

RFID as an answer: objectives



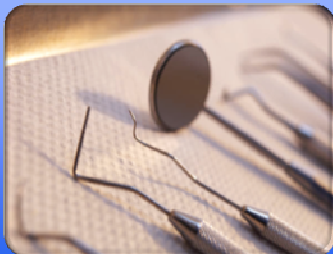
Better information gathering from the departments

- Accounts presentation
- Cost Accounting
- Processes improvement



Risk Management & adverse risk prevention

- Unique patient identification
- Electronic clinical folder
- Drug management



Asset management

- Real time inventory
- Asset localization
- Maintenance traceability

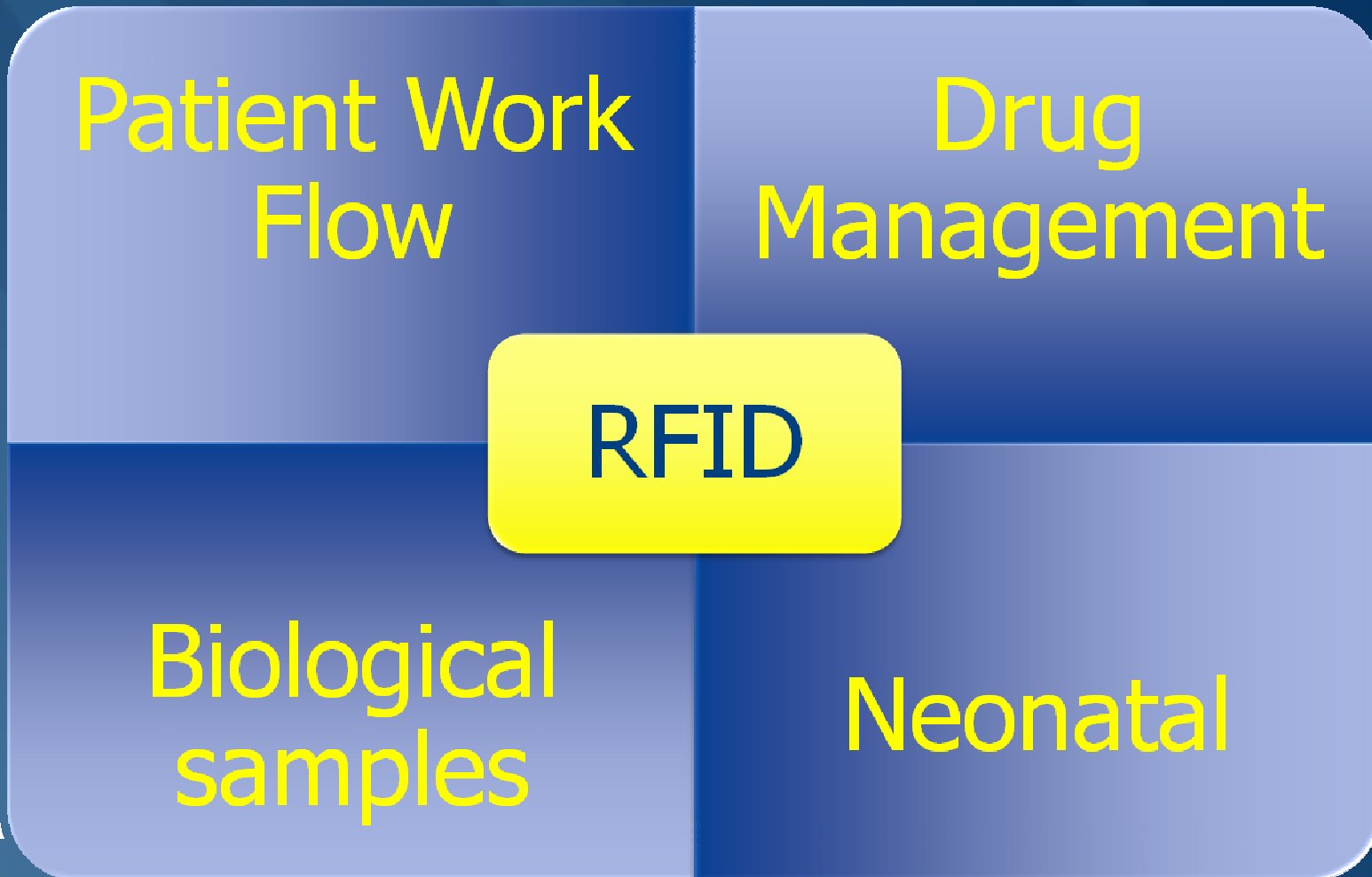
Key Performance Indicators



System architecture



Main Risk Management applications



Further applications



Traceability of mobile equipment, support equipment and "anti-theft" applications

Measuring of service level granted to the patient

Laundry and bed cleaning management

"Freehand" admittance control

Prosthesis warehouse management

Meal cart management

Maintenance planning of electromedical devices

Hospital rubbish management

Band-aids for monitoring parameters like temperature and pressure or when the patient is of allergic to a specific drug

Lab#ID Projects



Patient identification &
Electronic case history



Chemotherapeutic drug
management



Emocomponents traceability



Surgical instruments
traceability

Lab#ID

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