



SOLUTION

Reduce costs in Hospital-Pharmacy Services

How to gain efficiency and effectiveness for a high-quality healthcare system

Current austere policies demand urgent measures to be taken in order to act on the main causes of the pharma expense and thus make its growth slow down.

Hospital-Pharmacy Services need to analyse the hospital-pharma prescription by combining the cost-effectiveness relationship and the efficiency criteria, to smartly reduce expenses without diminishing the quality of the healthcare system.

- Integrating large data sets from miscellaneous origins.
- Soon identification of facts that can be used for negotiating with suppliers to obtain discounts in purchase prices.
- Detection and in-depth analysis of deciding facts within the pharma expense (admitted patients vs. outpatient department, expense per pathology, polymedicated patients' profiles,...)
- Defining and automating cost-effectiveness drug indicators.

Solution for Hospital Pharmacy

The Challenge: Reducing costs in Hospital-Pharmacy Services

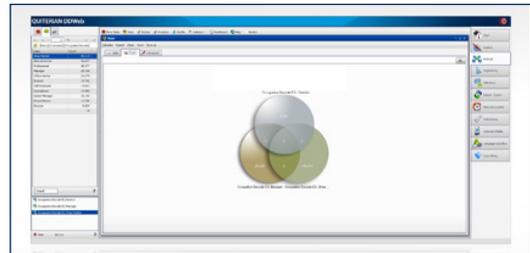
- Obtaining discounts in purchase prices.
- Detecting leading causes of hospital-pharma expense.
- Better cost-effectiveness relationship of drugs.

The Solution: BIRT Analytics

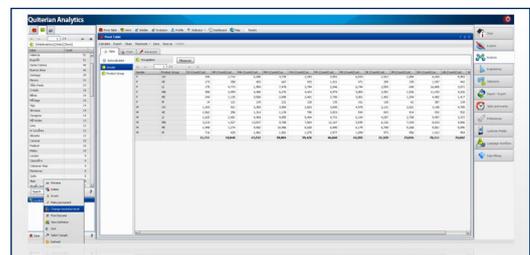
- Integrating data from multiple origins: healthcare activity, drug prescription and administration, purchases, warehouses, professional data bases,...
- Cross- and unpredefined analysis of huge volumes of data, with instant response:
 - Simultaneous use of drugs (active principles)
 - Profile of patients with bigger medicine consumption
 - Use of active principles per clinical unit
 - Pharma expense per units, pathologies, patients, etc.
 - Adhesion of external patients
- Identification and in-depth analysis of facts that could be used for negotiating with suppliers to obtain discounts in purchase prices.
- Analysing the effectiveness of principle actives in various treatments and of the same principle active in different pathologies.
- Defining and automating cost-effectiveness drug indicators depending on the detected effects within a hospital.

The Benefits of using BIRT Analytics

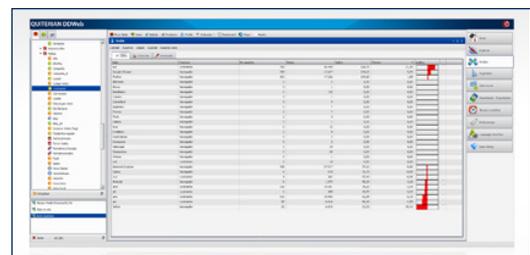
- Sustainable cost-effectiveness relationship.
- Soon identification of measures that work on main causes of the pharma expense to make its growth slow down.
- Smart cost reduction.
- More efficiency in making use of the existing resources.
- Self-sufficiency of the health professionals in acceding the data and in analyzing the information, to be able to improve and update their knowledge.
- Agility in all daily analysis.



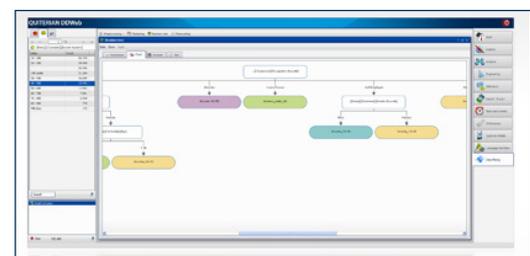
Venn Diagram. Shows groups of patients treated with different medicines to guarantee and ensure the security of the prescription.



Pivot Table. Analysis of the medicine's logistics chain, crossing information of: supplies, production and distribution of orders per floor.



Profile. We obtain the profile of patients to whom a specific treatment has been provided.



Decision Tree. Depending on historic prescriptions, a prediction of the most efficient drug to certain pathologies.

Other Solutions for the Pharma Industry

- Identifying best practices in sales force
- Insights into multichannel interaction with multiple players: prescribers, pharmacies, bricks, etc.
- Logistics & delivery optimization
- Marketing Intelligence effectiveness crossing different sources (internal data, IMS, TNS, etc.)
- Product yield analysis
- SAP Connector

Solutions for the Health Industry

- Dynamic analysis: polymedicated, hiperprescriptors, etc.
- Efficiency in campaign workflows (vaccine campaigns, etc.)
- Fraud detection in health services & prescription
- Hospital indicators and dynamic dashboard
- Prediction of the patients' diagnosis
- Blood and tissue bank
- Rational use of drugs in primary care and hospitals.
- Profile of (un)healthy patients.