

The Consortium

NOSIS BUSINESS CONSULTANTS LTD (GR)



MEDICAL SCHOOL,
UNIVERSITY OF IOANNINA (UOI) (GR)



ALIANTA, PROJEKTU SVETOVANJE, D.O.O. (SL)



THE UNIVERSITY CLINIC OF PULMONARY
AND ALLERGIC DISEASES GOLNIK



CENTRE CHIRURGICAL
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The portal is available at <http://www.drug-check.org>
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Integrated
Knowledge
Management and
Decision Support
System for
Pharmaceuticals and
their Interactions

The DrugCheck Project

eTEN 2006/1, Project No.046247



Drug Interactions

www.drug-check.org



The objective:

To validate an on-line, pan-European service, which gathers, organizes, stores, makes available and presents information and data covering pharmaceuticals and their interactions.



The service:

- A user-friendly, reliable, intelligent and fast e-platform, to inform healthcare professionals about drug interactions and assist them in making the proper decisions on medication prescriptions and pharmaceutical treatments both in and out of the hospital.
- Web-based/mobile low-cost application supported by a consortium of academic experts, IT integrators and Consulting companies.

The users:

- All healthcare professionals who want fast access to trusted and verified information (through latest bibliography and publications) about potential interactions between pharmaceuticals.
- Healthcare organisations: Hospitals, Research Institutions etc.
- Pharmaceutical companies.

The service is not limited to the information offered from the drug's documentation provided from the company, but offers information on mechanisms and results of interactions between pharmaceuticals.



DrugCheck service offers the following functionality:

- **Drug Interactions:** The service describes the various types of interactions between pharmaceuticals (and also nutritional elements).
- Detailed description of the interaction mechanism and the mechanism in case of special patients groups, location of interaction, pharmacokinetic properties etc.
- Information about the right dose of the medicine in order to minimise the risk of potential interactions.
- Effect of interaction.
- Management of the negative effects of drugs interactions.
- References to source of knowledge (bibliography).



DrugCheck's service special features:

- Easy of use with different platforms such as internet, mobile phones and PDA's.
- Accurate content provided by a Medical School, which is validated by academics from large hospitals and universities in Europe (The University Clinic of Pulmonary and Allergic Diseases Golnik, The Faculty of Medicine of the University of Maastricht and Centre Chirurgical Marie Lannelongue).
- Provide to the users an Advanced Query intelligent mechanism instead of simple questions.
- Decision Support Functionality based on gathered evidence and on scientifically validated treatment guidelines.