



Benefits at a glance

Turn-key solution for PGx

- includes ready-to-use diagnostic content, provided by The Royal Dutch Pharmacists Association (KNMP) – validated and used in the European U-PGx project (<http://upgx.eu/>)
- allows automated production of PGx reports including validated dosing recommendations

From sample to bedside

- direct interfaces to genotyping platforms, LIMS, HIS, etc.
- provides reports as ready to use documents based on client´s templates
- allows labs to provide results through digital channels, such as branded web-portal, mobile app, safety-code card with barcode

Compliance with international data security regulations

- hosting in high security health care data center of Deutsche Telekom
- patient data exclusively pseudonymized and encrypted

About bio.logis Genetic Information Management GmbH

bio.logis GIM translates genetic data into usable medical information and makes it available to physicians and patients.

To that end, it has developed a special **Genetic Information Management Suite (GIMS)** IT solution which, in the process chain required for genetic diagnostics, focuses on the „last mile“ to physicians and patients by merging genetic raw data with actionable clinical knowledge for prompt application. GIMS supports physicians in laboratories for automatically generating such expert content, as well as hospitals with specific clinical suggestions.

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GIMS.pharma – the end-to-end workflow solution for Pharmacogenomics

Pharmacogenomics is the study of how genetic variations affect a person's response to drugs.

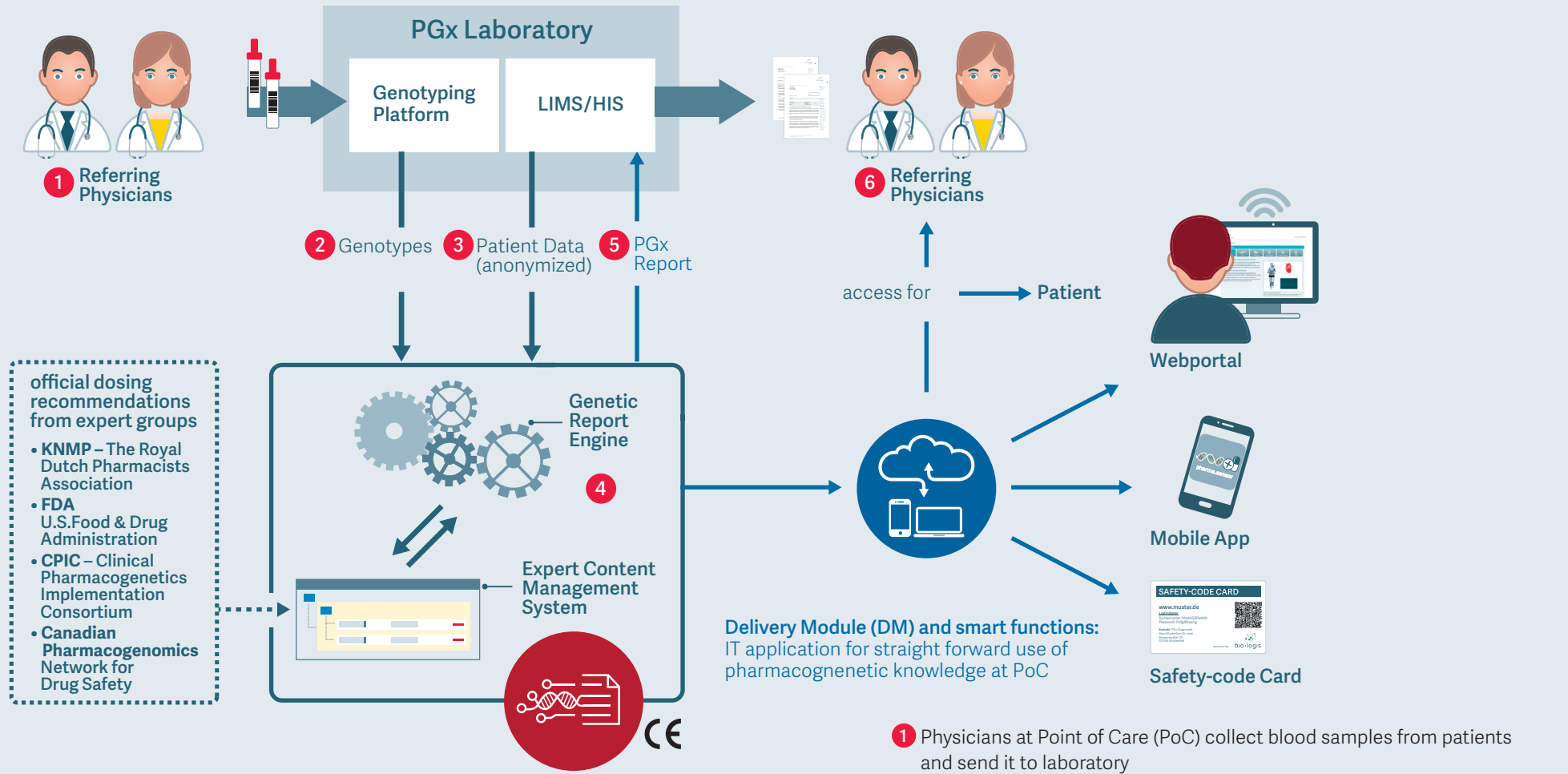
The long overdue implementation of pharmacogenomics into clinical practice has so far been hampered by a lack of common standards and efficient workflows:

- translating test results into clinical recommendations and producing diagnostic reports is a largely manual process requiring expert knowledge
- results need to be delivered to physicians and patients in a way that allows them to make the best use of the right information at the right time.

In order to support clinical laboratories in making pharmacogenomic testing available on a large scale bio.logis Genetic Information Management GmbH has developed the easy to adopt workflow solution **GIMS.pharma**. It allows an efficient processing of individual preemptive pharmacogenetic testing with trusted and ready to use information on medication and treatment.



How it works



Diagnostic Report Module (DRM):
IT application for assembly of pharmacogenetic interpretation for analysed patient

Delivery Module (DM) and smart functions:
IT application for straight forward use of pharmacogenetic knowledge at PoC

- 1 Physicians at Point of Care (PoC) collect blood samples from patients and send it to laboratory
- 2 Samples processed with any genotyping platform
- 3 Lab-results transferred via secure VPN-connection into bio.logis GIMS
- 4 Production of diagnostic reports including validated clinical interpretation and dosing recommendations
- 5 Diagnostic reports to be transferred into any laboratory or hospital information system for medical validation
- 6 Validated reports provided via printed documents and/or digital channels to referring physicians and patients at PoC.