

# OpenClinic GA

*open source hospital information management software*

Frank Verbeke



# Purpose

- **Integrated management of all hospital information flows**
  - Patient identification & administration
  - Billing, health insurance management and cash collection
  - Full multi-specialty medical patient record (nurses, physicians)
  - Lab information
  - Medical imaging (including PACS)
  - Pharmacy stock & dispensing management
  - Human resource management
  - Inventory and maintenance management
  - Statistics & reporting
  - ...

# Focus

- **Low-resource** settings (*made for Africa*)
- **Easy** to use web interface (weak ICT skills)
- **Robust & high performance** in low profile technical settings
- Highly **customizable** to local requirements
- Very **low cost of ownership**
  - Free and open source
  - Unlimited number of users, beds, patients...
- **Multi-lingual** (English, French, Spanish, Portuguese, Dutch)

# Third party communication – part of the e-Health ecosystem

- Interfacing with **health insurance** information management systems
  - Electronic communication between health provider & insurer
  - Real time validation of affiliate health coverage plan
  - Electronic invoicing
- **DHIS2** interface
- **WHO-Net** interface
- Reference – counter-reference network (**GHB**)
- **Diagnostic devices** (lab analyzers, radiology modalities)

# Support network

- **Virtual Private Network**
  - Remote assistance (from Kigali, Bujumbura, Bamako, Brussels)
  - Remote updates install
  - Information exchange (inter hospital networking)
  - Vital element
    - Quick response to intervention requests
    - Low cost (no traveling ex-pats involved)
- **Local technical support services**