

Shared Medication Treatment Plan: Towards a true Continuity of Care

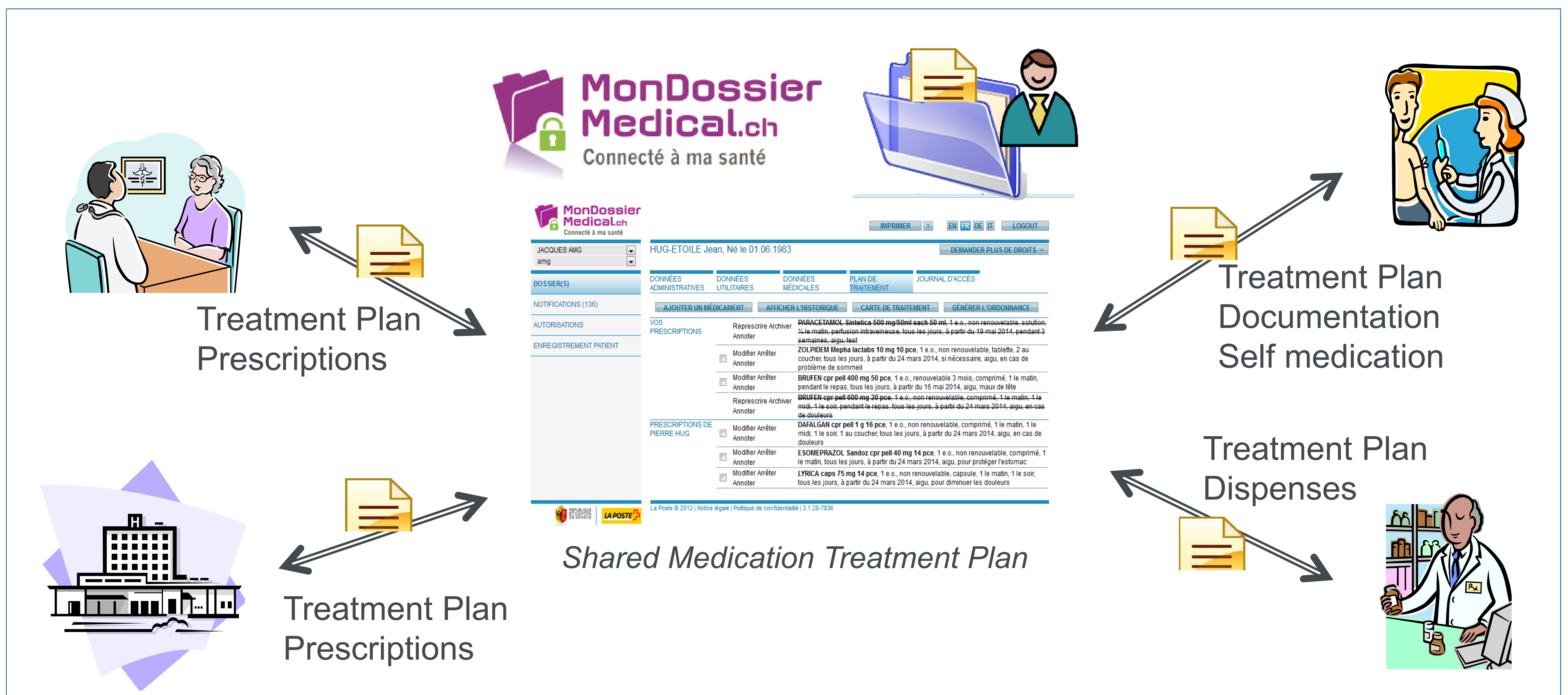
Stéphane Spahni, University Hospitals of Geneva, Switzerland

Context

Geneva is building a regional Health Information Exchange implementing the electronic patient record. A central component of this HIE is the Shared Medication Treatment Plan tool, which aims at gathering all medication related information concerning the patient (planned medications, prescriptions, dispenses, etc. including over the counter dispensation or self medications). Such a tool is essential in the full implementation of the notion of continuity of care – medication related adverse effects are responsible of 5% to 10% of emergency hospitalizations!

Objectives

- Enable the **communication of the shared treatment plan between all actors** – hospitals, GPs, pharmacies, home care, ...
- Enable external prescription systems to **feed new prescriptions** into the shared treatment plan
- Enable external dispensation systems to **document the dispensation** into the shared treatment plan
- **Use well established standards** to implement the structured communication between the various software components
- Be ready for **exchanging prescription and dispensing information** with stakeholders in other countries



Results

- Exchange of information through CDA documents based on **IHE Profiles** (Pharmacy domain) and epSOS guidelines
- Unique identification of prescribed and dispensed medications using **GS1 GTIN** codes (secondary package level)
- Unique identification of **healthcare professionals** using **GS1 GLN** codes

Contact:

Stéphane Spahni

stephane.spahni@hcuge.ch

Hôpitaux Universitaires de Genève

4 rue Gabrielle-Perret-Gentil, 1211 Genève, Suisse