

Human Normal Intravenous Immunoglobulins (IVIg) : Tools to inform and secure our practices

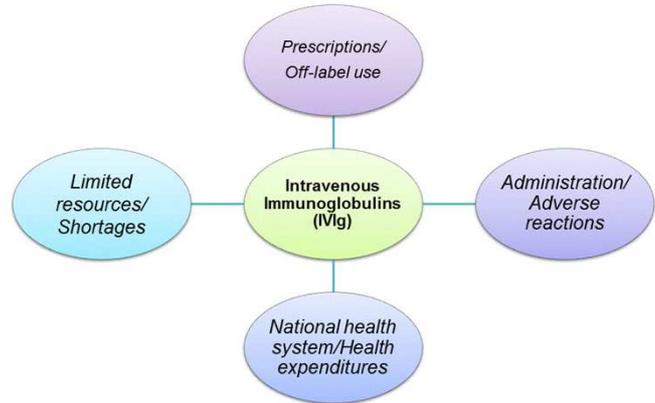
M. Le Jouan¹, C. Borel¹, T. Ait-Aissa¹, P. Le Gonidec¹, C. Montagnier²

¹OMEDIT Ile-de-France, ²DOMU, Assistance Publique - Hôpitaux de Paris, PARIS, France.

Background and Objectives

In Europe, France is one of the countries where IVIg are the most prescribed (around twice the mean european consumption).

The wide use of these expensive drugs and pharmacovigilance concerns about these highly purified proteins extracted from human plasma (venous thromboembolism, acute kidney failure...) led us to implement tools for health professionals.



Design

To promote appropriate use of IVIg, AP-HP (Paris University Hospitals) and OMEDIT Ile-de-France (regional Observatory of Drugs, Medical Devices and Therapeutic Innovations) perform different actions :

- Broadcasting official informations (new marketing authorization, safety,...) to limit off label and insufficiently justified prescriptions → targeting mainly **prescribers and pharmacists**
- Developing tools to secure administration of IVIg → targeting mainly **nurses and nursing students**.

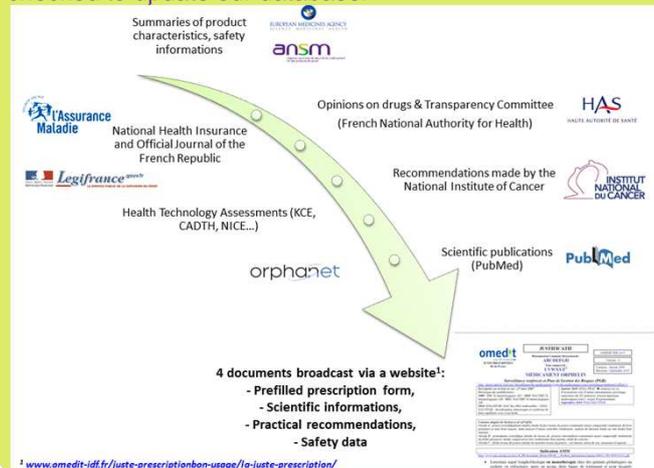
Results

Prefilled prescription forms and bibliographic justifications are made available for health professionals. These documents are used to set up legal frame use and justify some off label uses, as requested by french national health insurance. They also allow to revise the database included in prescription softwares. In 2014, 1190 documents were created or updated and published in real time online. A mean of 23 users per day is calculated.

Moreover, a working group draw up a short information document about IVIg (administration leaflet) and a check-list describing the nine steps to follow in order to make a safe administration.

Who ? Health professionals.

How ? Recommendations and standardized prescriptions broadcast via a website "La Juste Prescription" (<http://www.omedit-idf.fr/juste-prescriptionbon-usage/la-juste-prescription/>), through 4 documents based on validated official information. The sources described below are daily checked to update our database.



Who ? Nurses and nursing students.

How ? A specific working group, with pharmacists, physicians and nurses, was organized. A booklet and a check-list were designed.



Conclusion

Appropriate use of IVIg, including efficient prescriptions, still remains a goal, especially when drug expenditures, mainly in hospitals, keep on rising (IVIg, with 43,7 million euros in 2014, rank the 5th position of most expensive drugs in Ile-de-France). Enhancements and further developments are already planned in order to answer to the expectations of health professionals: A specific working group, whose main action will be to provide short analysis on the most common off-label uses found in our region, was gathered. These analysis will be available through the "Juste prescription" website, which already relay updated information about all innovative drugs and implantable medical devices (not included in the DRGs). The administration tool, the booklet and the check-list, will be widely spread in hospitals of our area (more than 200 health facilities). An assessment of these tools' use will be also conducted in the upcoming year.