



15th GERPAC conference

10th European GERPAC conference

October 3, 4 & 5 2012 – Ponant Peninsula France

Preparation of 5 FU's infusors: from anarchy to dose banding

Stéphanie Martignoni, Dr. Grégory Podilsky, Dr. Béatrice Gay, Prof. André Pannatier

Ecole de Pharmacie
EPGL
Genève – Lausanne



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES
Section des sciences
pharmaceutiques

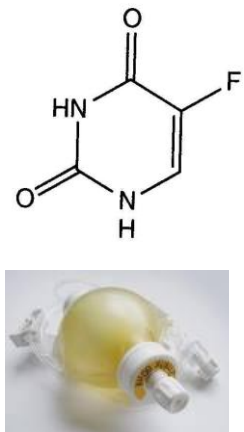


**Centre hospitalier
universitaire vaudois**

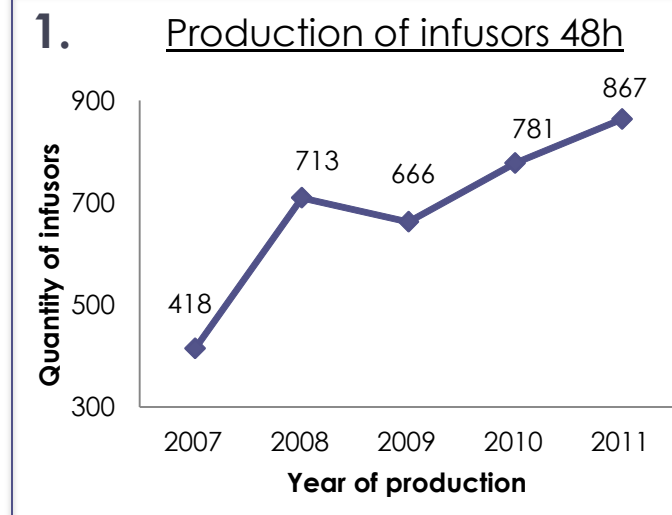
Facts & Aims of the study





F
A
C
T
S



Stability **30 days**



2. 
Coordinated Center of Oncology
ambulatory

Infi  6,3%

RATIONALISATION OF PRODUCTION WITH THE DOSE BANDING?

A
I
M
S

- A better **organisation** at the pharmacy unit
- To improve **deadlines** for infusor's delivery
- A decrease of infusor **returns**

Method



1

Feasibility study

1.1

Retrospective analysis of 2010's production

1.2

Presentation of the concept to the medical staff

1.3

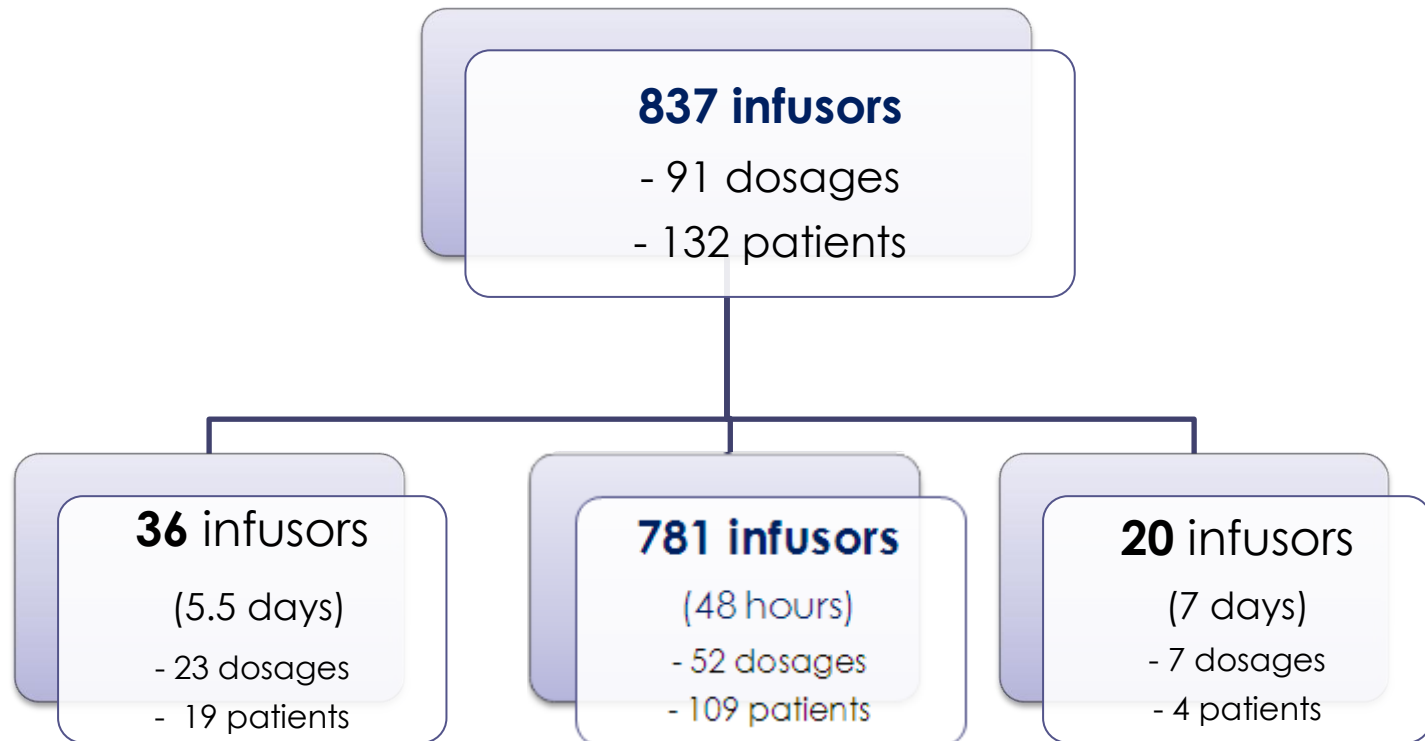
Selection of standardised dosage

2

Implementation

of dose banding

Retrospective analysis

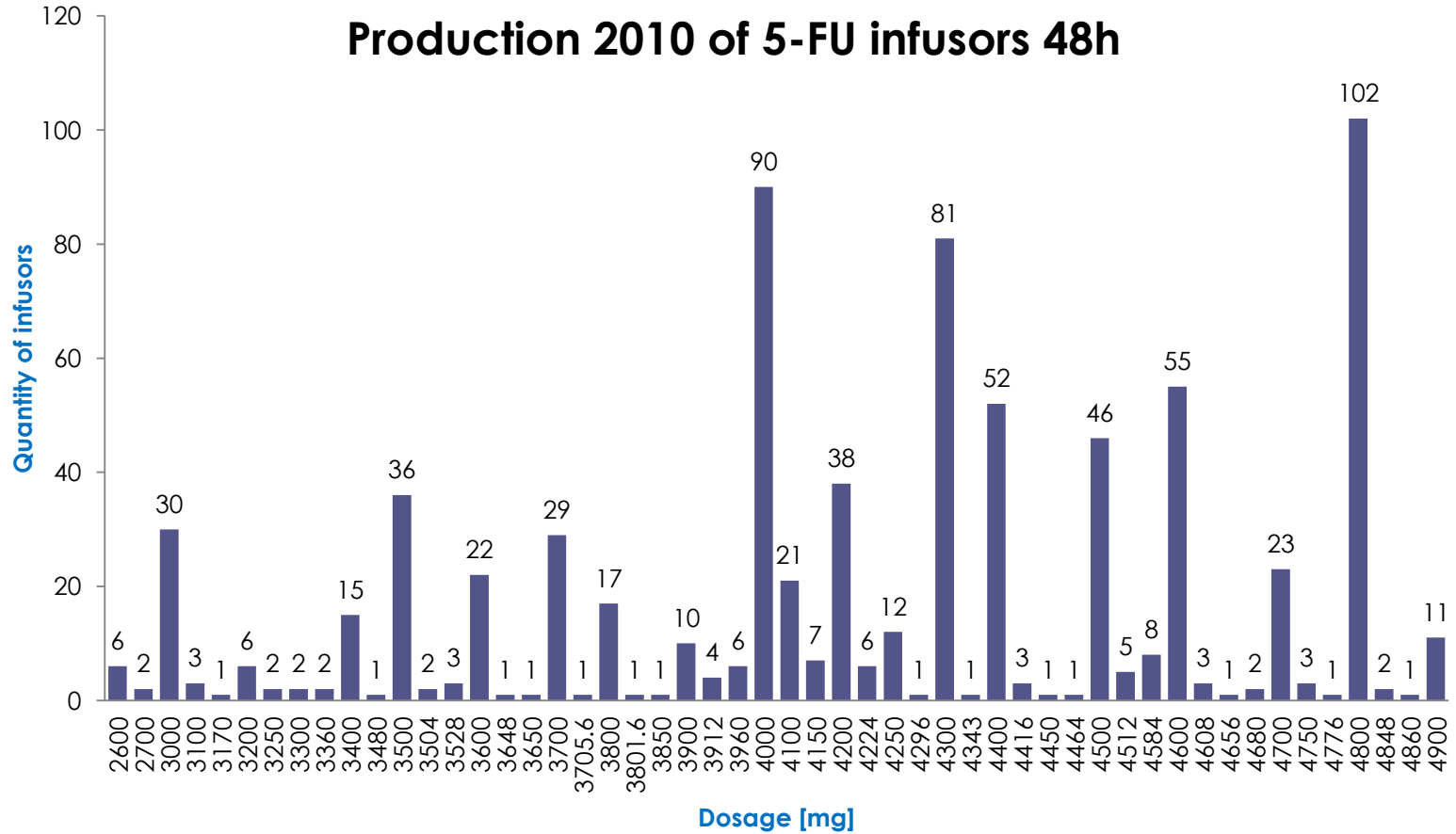


Retrospective analysis

N=781



Production 2010 of 5-FU infusors 48h



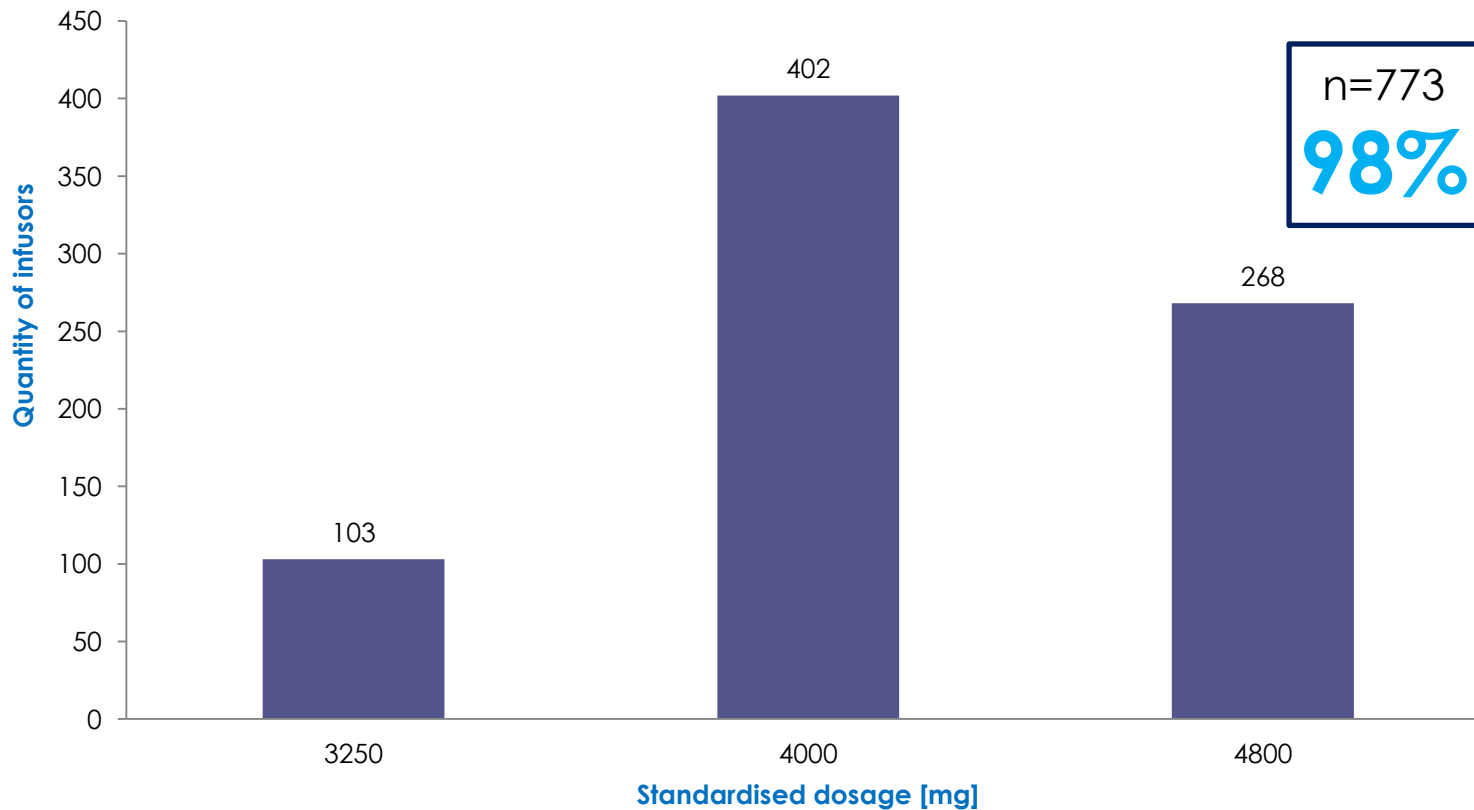
= **52** dosages

Retrospective analysis

N=781



Dose banding with an interval of +/- 10%



Retrospective analysis

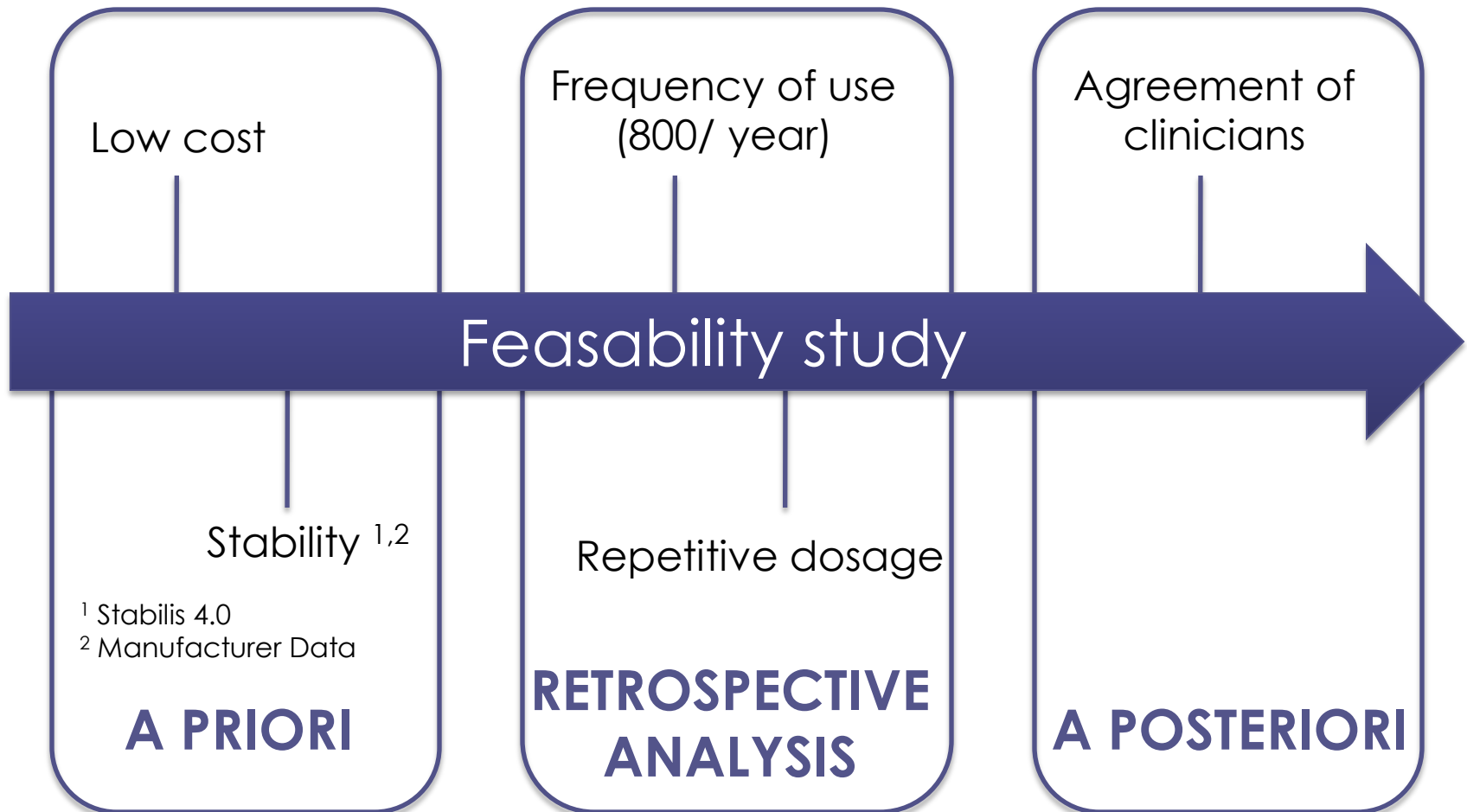
N=781



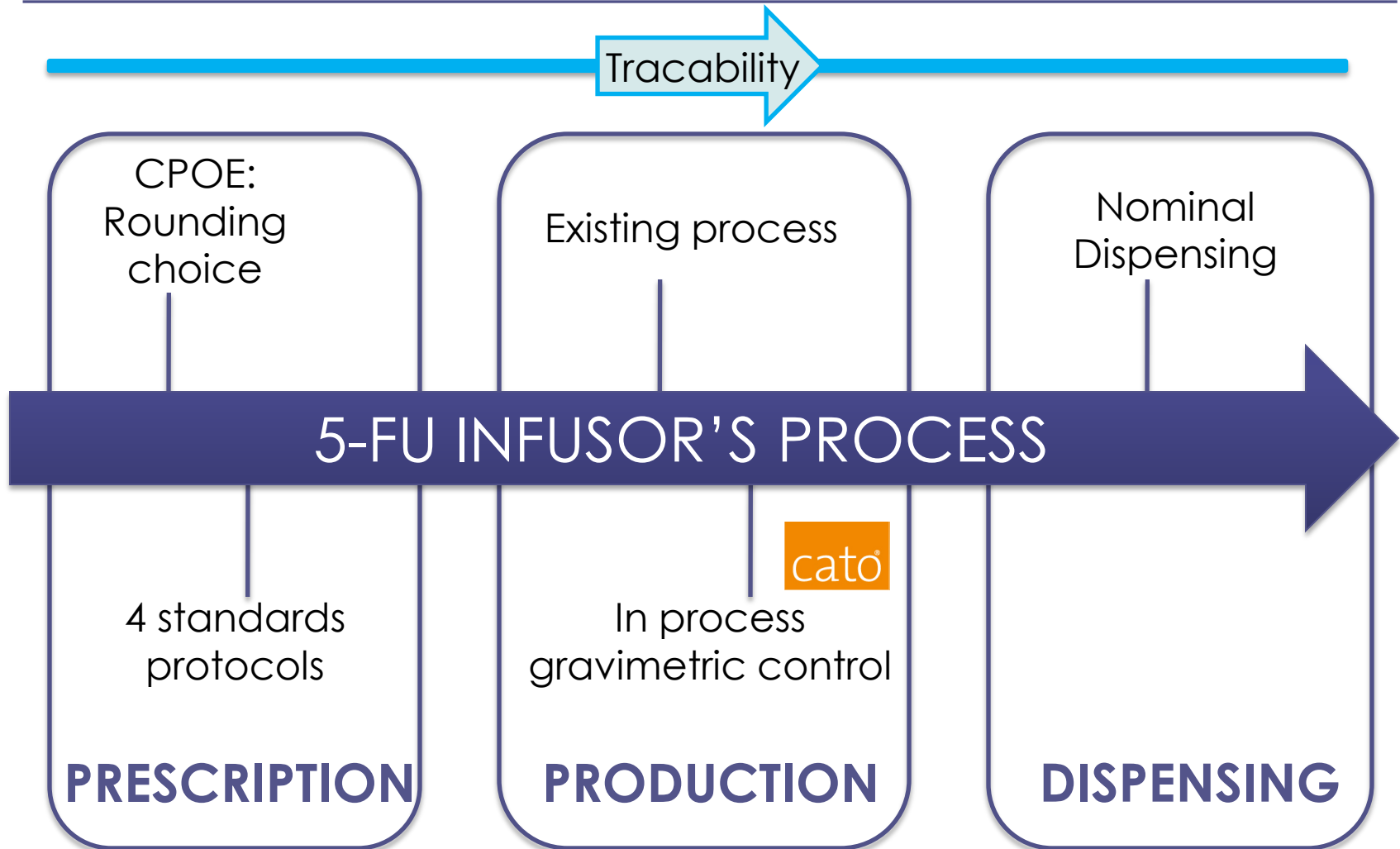
Dose banding with an interval of $\pm 5\%$



Feasibility study of standardisation of doses



Implementation of dose banding

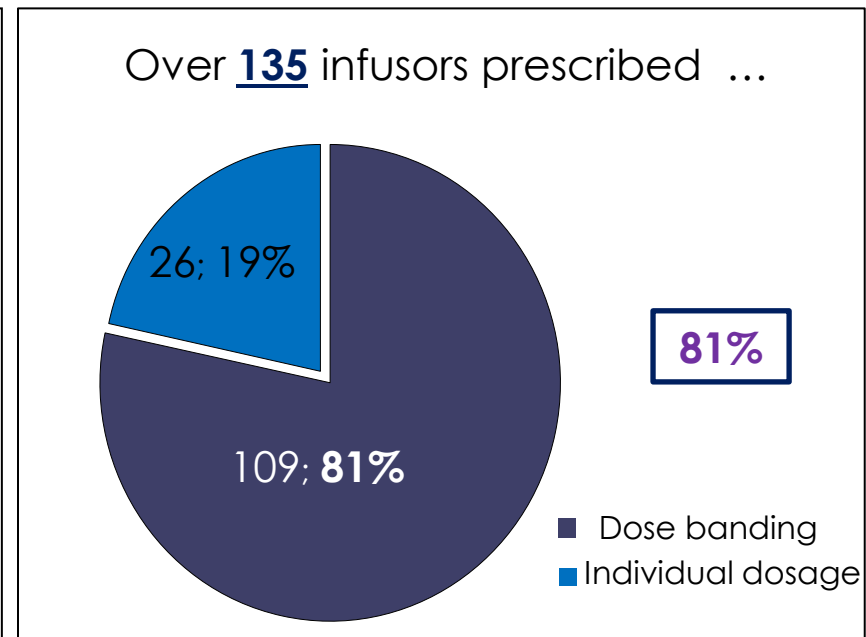
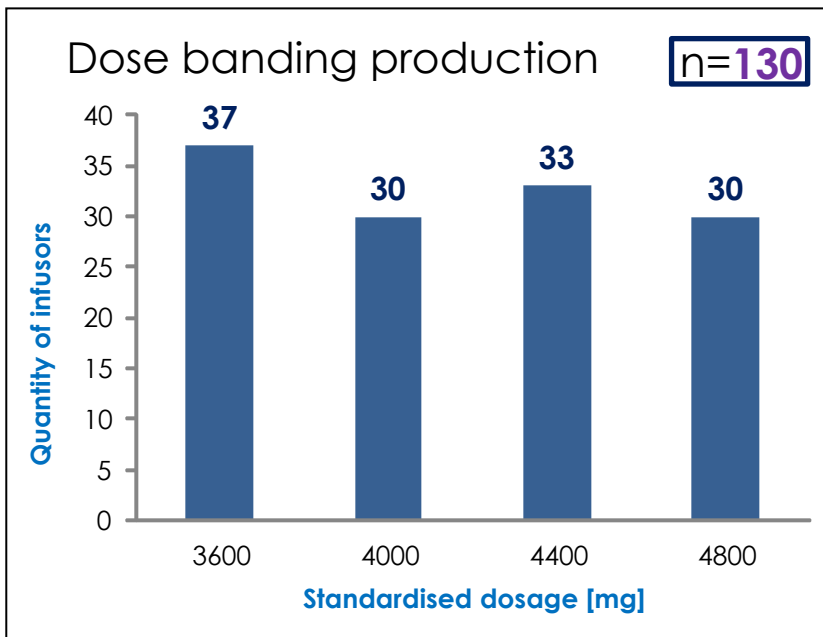


Preliminary Results



Results will be analysed **6 months later** (Beginning of 2013)

After 2 months...

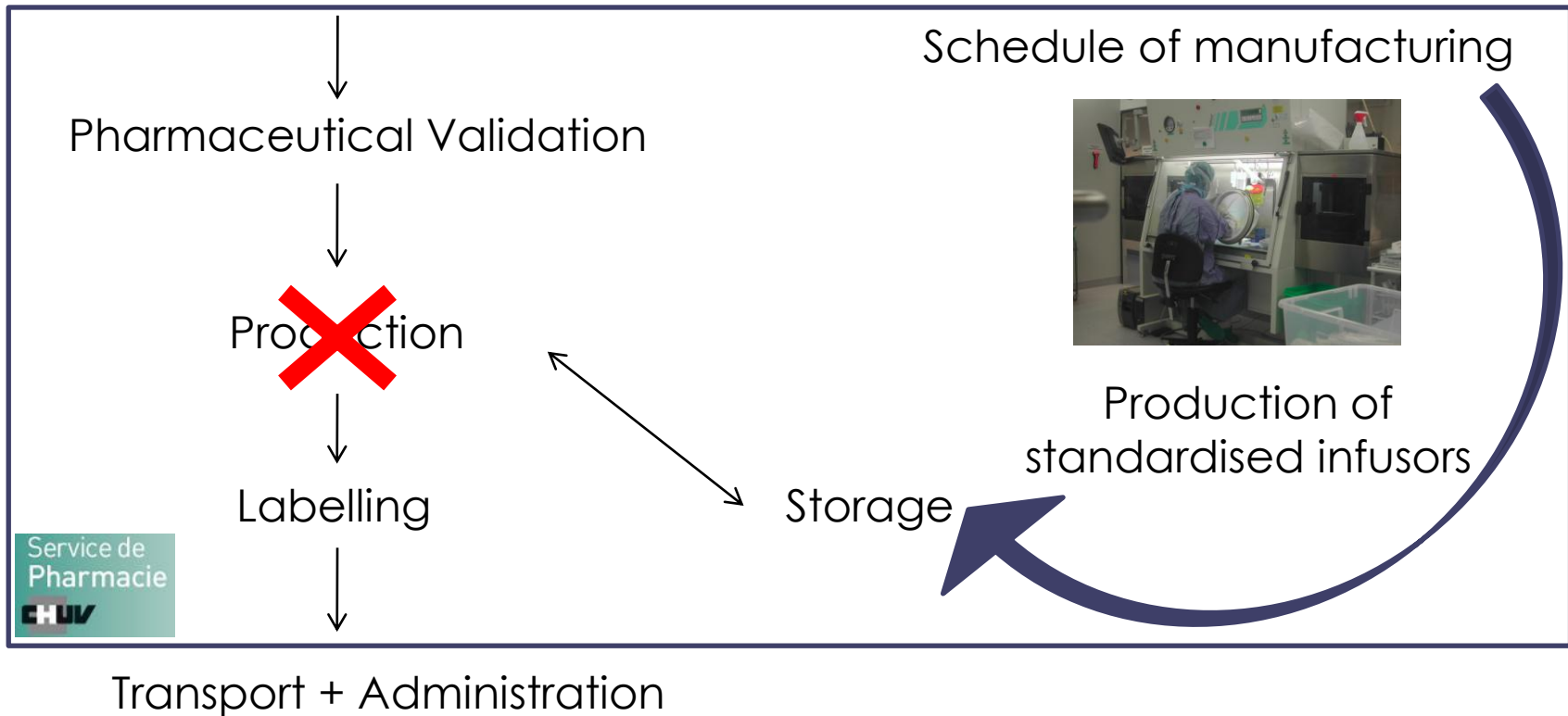


Conclusion & Perspectives



Dose banding: *More than a myth, a reality...*

Computerised prescription (CPOE)



Acknowledgments



Dr. Grégory Podilsky

Nadia Fucina

Nathalie Divorne

Marie Christine Grouzmann

Dr. Béatrice Gay

Prof. André Pannatier

Thank you for your attention!