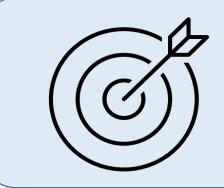
## **CREATION AND VALIDATION OF A MEDICATION REVIEW SUPPORT TOOL FOR POTASSIUM CHLORIDE INJECTION (KCL-INJ) PRESCRIPTIONS**

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## **BACKGROUND AND IMPORTANCE**

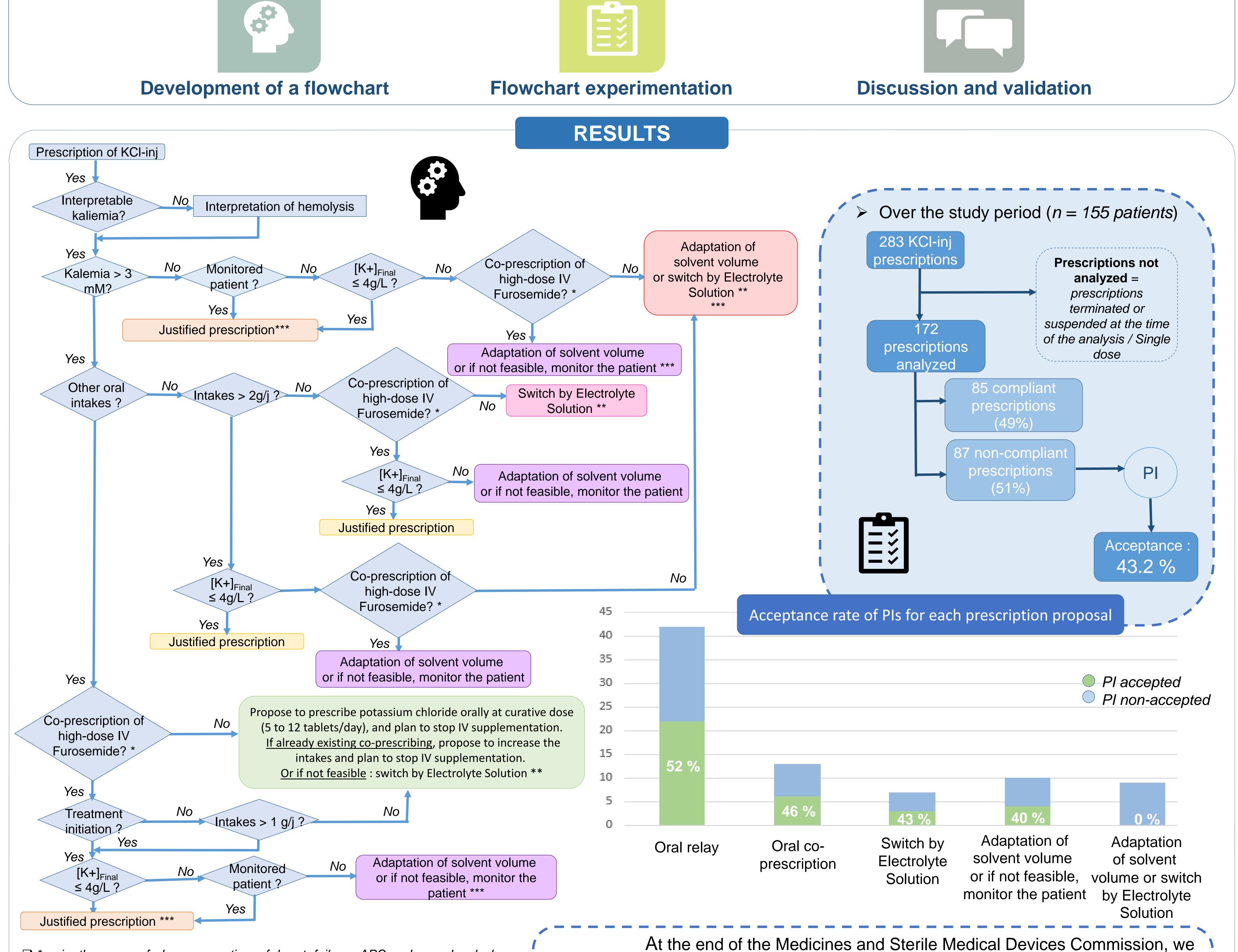
KCI-inj is a high-risk drug, its administration error is a Never Event. Its security involves limiting its use to justified situations in which Medication Review plays an active role. Despite awareness campaigns, non-compliant prescriptions persist. During the Medication Review, the Pharmaceutical Intervention (PI) includes a prescription proposal : for KCI-inj, the context has a strong impact and complicates the Medication Review.

## **AIM AND OBJECTIVES**



Creation and validation of a support tool for the Medication Review of KCI-inj prescriptions considering the entire clinical context of the patient

MATERIALS AND METHODS



- □ \* : in the case of decompensation of heart failure, APO, advanced valvular disease...
- □ \*\* : unless contraindicated: water retention, decompensated heart failure, severe renal failure...
- \*\*\* : if oral intake is possible, offer to co-prescribe potassium chloride orally at a curative dose or to increase doses if already existing prescription to limit the duration of treatment with KCI-inj.

agreed on several key points :

- Favor oral intake if available and favor the use of Electrolyte **Solution if necessary** (with some exceptions)
  - Importance of re-evaluation
  - Securing cases where the use of KCI-inj is essential

## **CONCLUSION AND RELEVANCE**

- The acceptance rate (43,2%) and the conclusions of the Medicines and Sterile Medical Devices Commission allows us to validate the flowchart. Its use improves the relevance of pharmaceutical interventions, their acceptance and reduces the use of KCI-inj.
- To facilitate the use of the tool, a spreadsheet that identifies the prescription proposals according to the criteria is being developed. This can be likened to an artificial intelligence tool.



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