KCl-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 KCl-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 KCl-inj prescriptions considering the entire clinical context of the patient.

**MATERIALS AND METHODS**

Development of a flowchart, Flowchart experimentation, Discussion and validation

**RESULTS**

Over the study period (n = 155 patients)

- 283 KCl-inj prescriptions
- 172 prescriptions analyzed
- 82 compliant prescriptions (49%)
- 87 non-compliant prescriptions (51%)

Acceptance: 43.2%

- PI accepted
- PI non-accepted

At the end of the Medicines and Sterile Medical Devices Commission, we 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 KCl-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 KCl-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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