

BACKGROUND AND IMPORTANCE

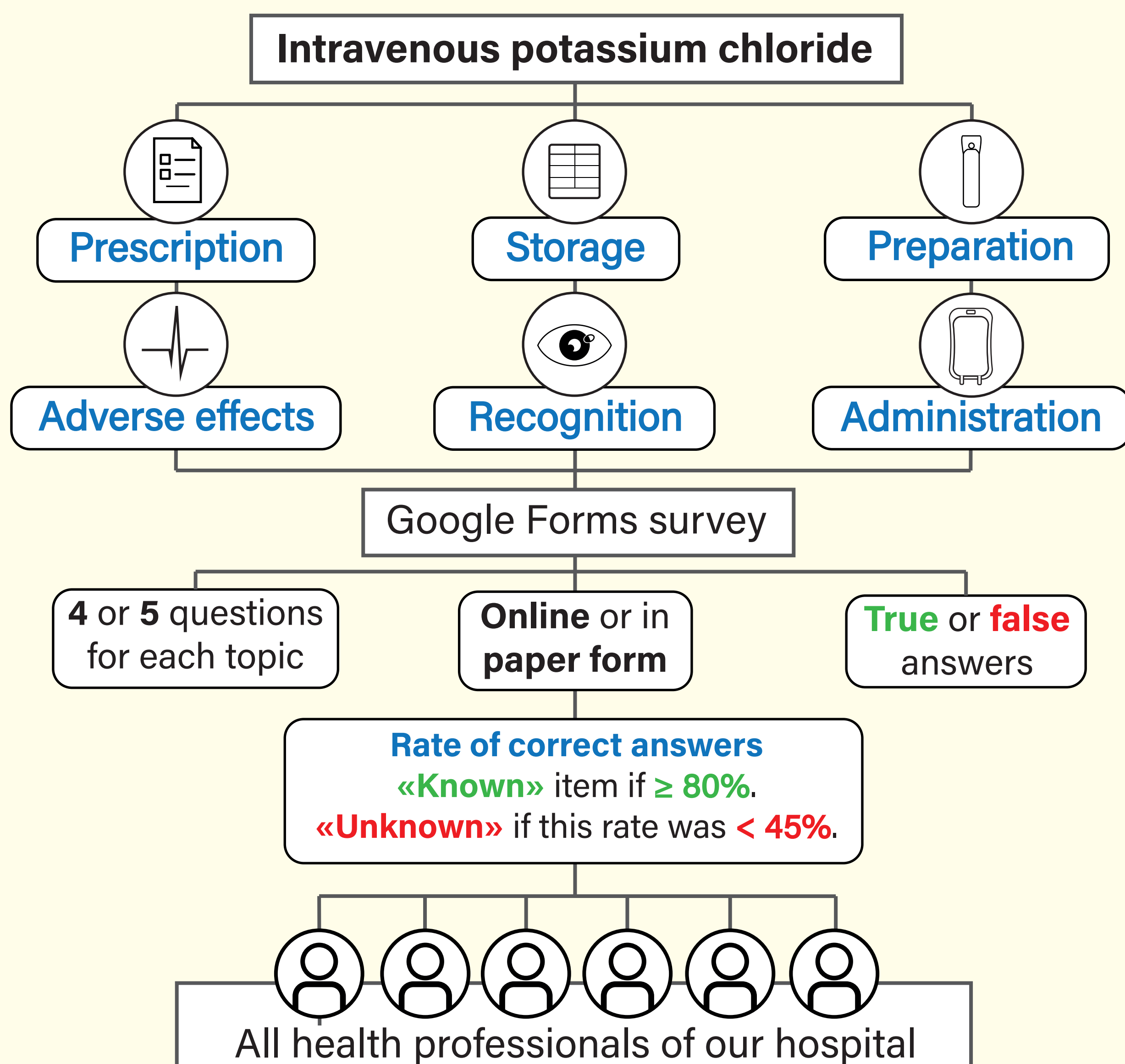
Never-events are a main point in the securisation of the medication circuit. As they are preventable events we wanted to set up a support that fit with the knowledge of our health professionals (HP). We decided to focus on one of them: **intravenous potassium chloride**.

AIM AND OBJECTIVES

We aimed to **assess the knowledge** of hospital personel about intravenous potassium chloride to **produce a relevant and suitable support**.

MATERIALS AND METHODS

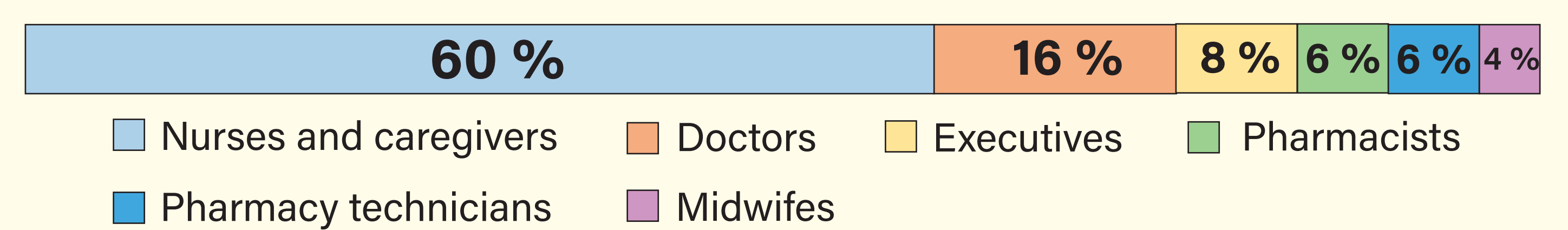
1. Survey on knowledge



RESULTS

Analysis of the answers

Number of answers: **144**



Distribution of responses among health professionals

75% of correct answers. The rate of correct answers varied from **67% for midwives** to **83% for pharmacists**

Known items
Adverse effects - Pain at the injection site (mean = 97%)
Preparation - Dose and total volume on the label (mean = 93%)
Storage - Suitable space (mean = 93%)

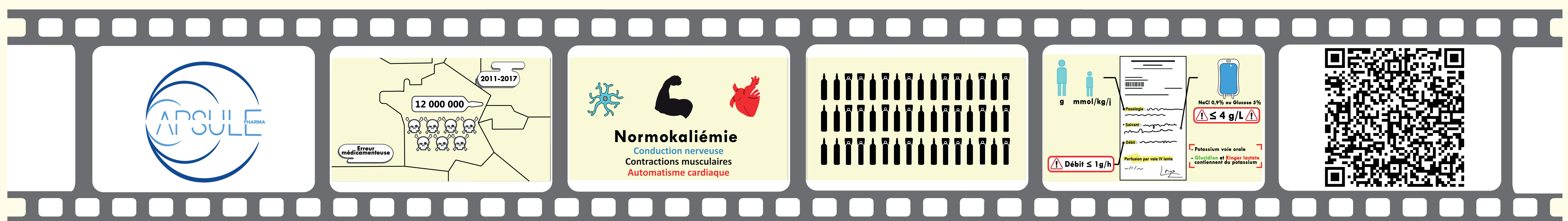
Unknown items
Prescription - Units of prescription for children (mean = 44%)
Storage - Warning label «Should be diluted» (mean = 42%)
Recognition - Available concentrations (mean = 40%)
Adverse effects - Cardiac rhythm disorders (mean = 22%)

2. Making the video

«La Capsule Pharma : le potassium injectable» lasted about 4 minutes and was available on the hospital's document management system. The video addressed all the topics of the survey and **highlighted the most unknown items**.

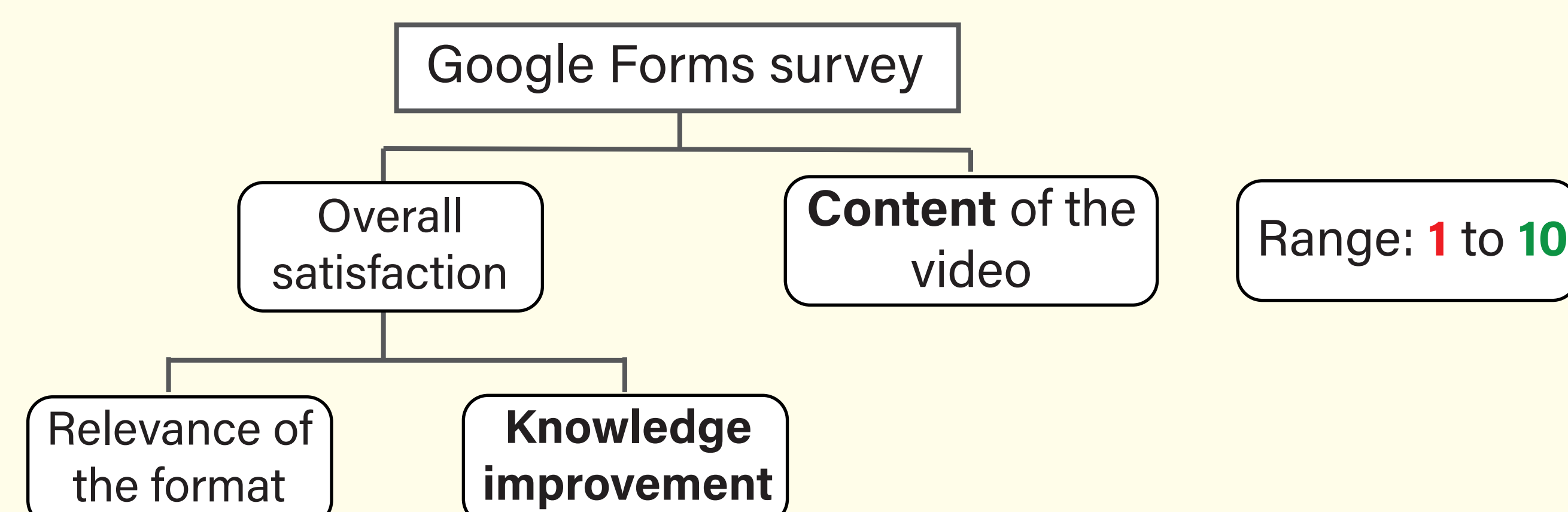
Video conception in two parts:

- Screenplay writing: **7 days**
- Animation and video editing: **60 to 80 hours**



3. Satisfaction survey

Satisfaction evaluation



Number of answers: **34**



Content rating



Knowledge improvement

Adverse effects - 50%

Prescription - 43%

CONCLUSION

The first evaluation showed an **overall good knowledge** about intravenous potassium chloride.

This video format was **well appreciated** and will be completed with a poster for care units.

The **improvement in prescription and adverse effects** knowledge fits with the results of the first survey. It will be a useful tool for further course of hospital personnel. The good feedbacks encourage us to **develop the same approach for the other never-events**.