Objectives
This project investigates additional risk classification and best practice video instructions to each drug in the Swedish Formulary for Paediatric Medicines ePed [1], with ePed-ID 1417 (vancomycin intravenous infusion 5 mg/mL) as an example (Fig 1).

Method
This project is part of the Swedish National Pharmaceutical Strategy [2] and consists of four work-packages during 2017-2018,
1) Risk assessment developed by EDQM [3]
2) Usage of video recording to assess reconstitution in six different paediatric settings
3) Identification of best practice by a Delphi process
4) Recording of professional videos for instruction purposes.

Results
Six paediatric units contributed to the investigation of 100 of 630 ePed-IDs during four months in 2017. Using vancomycin as an example, two units order Ready To Use (RTU) to lower the residual risk. Four units use closed-systems, and three of the four units added risk reducing strategies such as a hood or forced ventilation. By observing the recorded videos (Fig 2), different strategies were present, e.g. additional protective clothing and processes in units with non-validated closed system. The risk assessment (Tab 1) will result in three videos for instruction purposes regarding vancomycin;
1) RTU
2) validated closed-system reconstitution
3) non-validated closed-system reconstitution with protective clothing and forced ventilation

References and acknowledgements
1. http://www.eped.se [In Swedish]
2. Financial support from The Swedish National Pharmaceutical Strategy

Table 1: Risk assessment and risk reducing strategies for ePed-ID 1417 vancomycin intravenous infusion 5 mg/mL with or without the use of Ready To Use (RTU) products as a risk reducing strategy. This assessment have so far been carried out for 100 ePed-IDs out of 630.

Conclusions
• Hospitals act with different risk reducing strategies
• The residual risk of reconstitution can easily be captured by video imaging
• All instructions in the Swedish Formulary for Paediatric Medicines (ePed) are to be risk assessed
• Suggested risk reducing strategies are carried through a Delphi process
• The Delphi consensus of risk reducing strategies is used to produce video instructions for an educational video platform