

Cyto-SAT: a self-assessment tool for safe handling of cytotoxic medicines in low and middle-income countries

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Objectives

Develop, validate and pilot-test a self-assessment tool for low and middle-income countries (LMIC)

- Support implementation of safe handling practices
- Promote continuous quality improvement regarding cytotoxic medicines management

Conclusion

Cyto-SAT covers the entire cytotoxic process with 134 items and 10 domains.

- Validated by a large panel of highly experienced experts in oncology pharmacy
- Showed high level of satisfaction from intended users.

Context

The rising burden of cancer in LMIC and an increasing use of chemotherapy treatments stress the need to promote and improve safe handling practices of cytotoxic medicines in those settings.

Method

2016









2019

Literature review

Draft checklist build by a

steering committee

International Expert Panel

2-round online Delphi survey

- -Level of agreement -Prioritization
- Final Consensus = ≥75% of agreement

Pilot-Testing

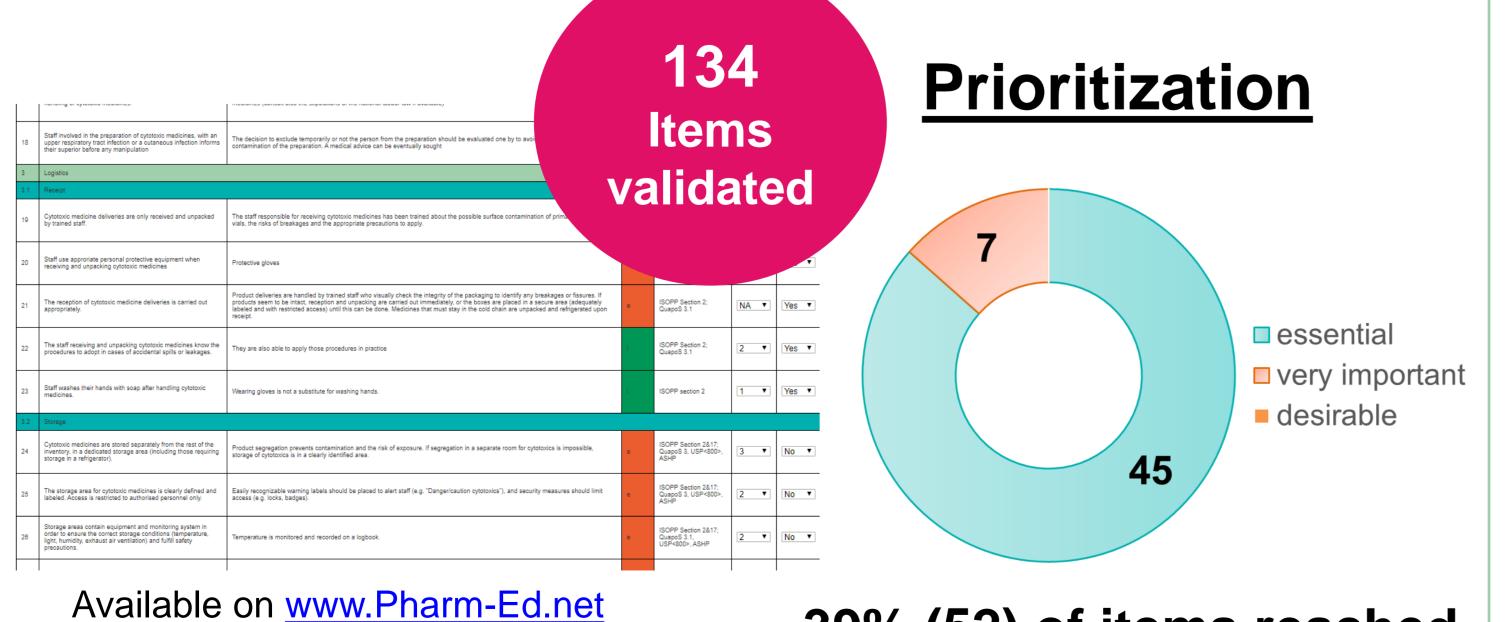
 Online questionnaire (16 Likerttype questions) after using Cyto-SAT.

https://datapharma.ch/cytoSAT/

Results



98% (134/137) of items reached consensus regarding their content and formulation



39% (52) of items reached priority consensus

