

Background

With increased pressure on clinical pharmacy services there is a demand for reliable screening tools to appropriately allocate pharmaceutical care to those patients with most urgent and or complex needs.¹ Several such tools have been developed; however, they are often locally developed with a lack of agreement on their components. To date, no broad agreement exists on the valid components of pharmaceutical care complexity screening tool in the adult hospital setting.

Aim

To systematically develop, using consensus methodology, a pharmaceutical care complexity screening tool for use by pharmacy ward services.

Methodology

❖ A multistage development process:

- An online survey was distributed to chief pharmacists of all UK acute hospital trusts to identify existing prioritisation and/or complexity tools and processes (Figure 1).
- Respondents from hospitals that reported using a tool were invited to participate in a semi-structured interview to discuss the development and application of their tool. They were also asked to share copies of relevant documentation.
- A systematic review was carried out to identify existing patient prioritisation tools in hospital settings worldwide.²
- Two Delphi studies were used to gain consensus as to the content and use of a pharmaceutical care complexity tool.

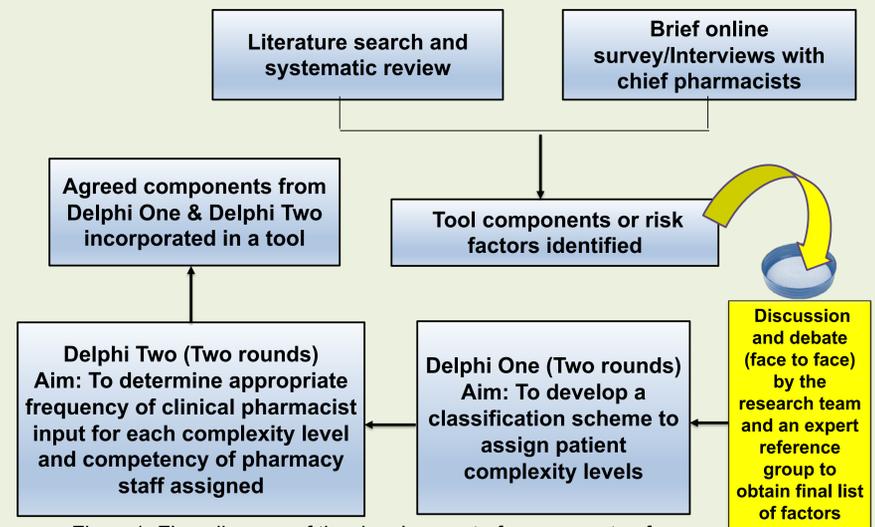


Figure 1: Flow diagram of the development of components of a pharmaceutical care complexity screening tool

Results

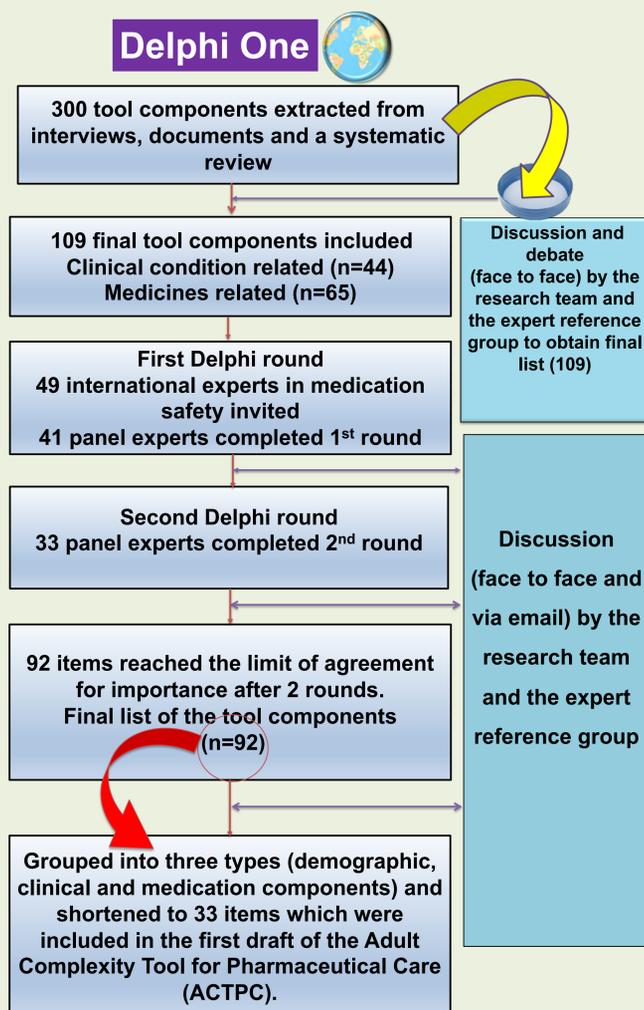


Figure 2: Overview of Delphi One : gaining consensus on tool components

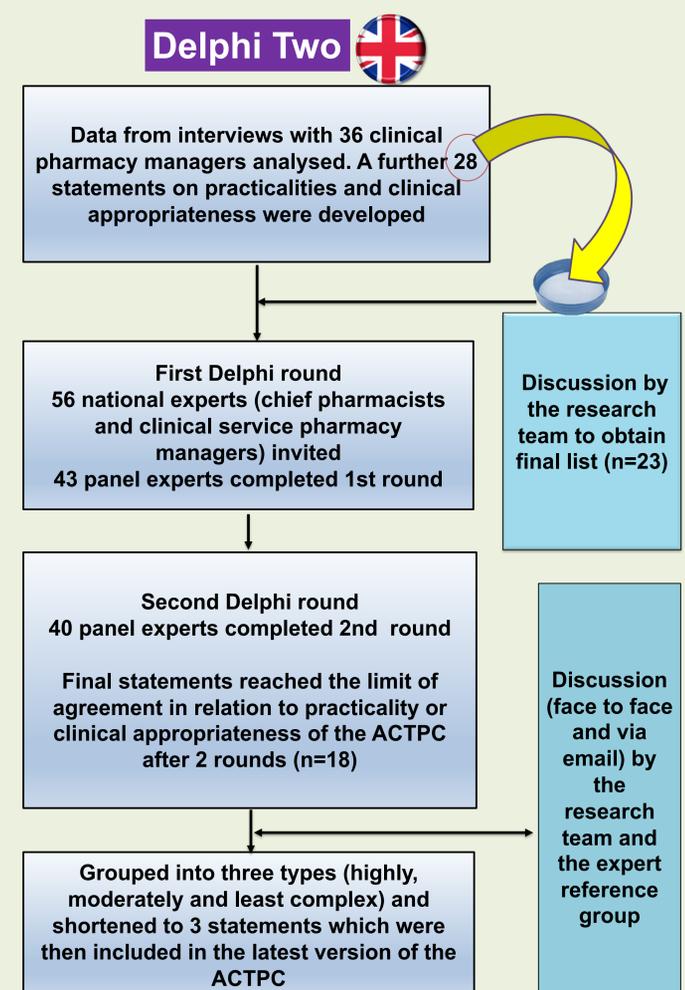
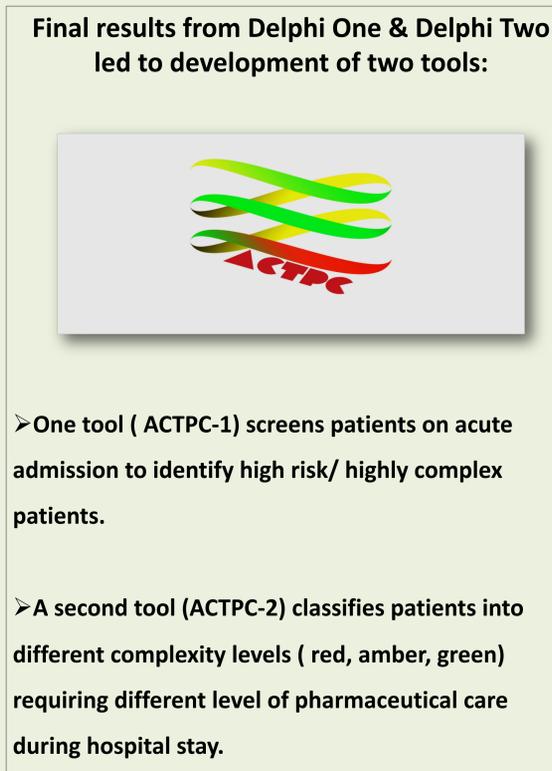


Figure 3: Overview of Delphi Two: gaining consensus on practicality and clinical appropriateness

Conclusion(s)

- This study has developed a comprehensive pharmaceutical care complexity screening tool containing 33 agreed components based on robustly collected data with input from national and international experts.
- Future work will test the feasibility of the ACTPC in clinical practice across three hospitals in the UK prior to a large cluster randomised controlled trial.
- It is hoped that the ACTPC can improve patient safety and assist in workforce planning and resource utilisation by ensuring that the right pharmacists see the right patients at the right time.

References

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2. Alshakrah M, Steinke D, Lewis P. Patient prioritization for pharmaceutical care in hospital: A systematic review of assessment tools. Research in Social and Administrative Pharmacy. 2018. Available from, DOI: [10.1016/j.sapharm.2018.09.009](https://doi.org/10.1016/j.sapharm.2018.09.009)

Acknowledgements

- This study is part of a PhD program at the University of Manchester funded by the Ministry of Higher Education (Kingdom of Saudi Arabia).
- This poster presents independent research funded by the National Institute for Health Research (NIHR) under its Research for Patient Benefit (RfPB) Programme (Grant Reference Number PB-PG-1215-20031). The views expressed are those of the author(s) and not necessarily those of the NHS, the NIHR or the Department of Health and Social Care.

