

Supplementary file 3

Guidance for Reporting Involvement of Patients and the Public (GRIPP2) Checklist

Developed from:

Staniszewska S, Brett J, Simera I, Seers K, Mockford C, Goodlad S, et al. GRIPP2 reporting checklists: tools to improve reporting of patient and public involvement in research. *Res Involv Engagem*. 2017;3:13.

| Section and topic | Item | Reported page # |
|-------------------------------------|--|-----------------|
| Section 1: Abstract of paper | | |
| 1a: Aim | Report the aim of the study | 2 |
| 1b: Methods | Describe the methods used by which patients and the public were involved | 2 |
| 1c: Results | Report the impacts and outcomes of PPI in the study | 2-3 |
| 1d: Conclusions | Summarise the main conclusions of the study | 3 |
| 1e: Keywords | Include PPI, “patient and public involvement,” or alternative terms as keywords | 3 |
| Section 2: Background to paper | | |
| 2a: Definition | Report the definition of PPI used in the study and how it links to comparable studies | 7 |
| 2b: Theoretical underpinnings | Report the theoretical rationale and any theoretical influences relating to PPI in the study | 6 |
| 2c: Concepts and theory development | Report any conceptual models or influences used in the study | 6 |
| Section 3: Aims of paper | | |
| 3: Aim | Report the aim of the study | 6 |
| Section 4: Methods of paper | | |

| Section and topic | Item | Reported page # |
|--|---|----------------------------|
| 4a: Design | Provide a clear description of methods by which patients and the public were involved | 6-9, supplementary table 1 |
| 4b: People involved | Provide a description of patients, carers, and the public involved with the PPI activity in the study | 7-8 |
| 4c: Stages of involvement | Report on how PPI is used at different stages of the study | 7-9 |
| 4d: Level or nature of involvement | Report the level or nature of PPI used at various stages of the study | 7-9, supplementary table 1 |
| <i>Section 5: Capture or measurement of PPI impact</i> | | |
| 5a: Qualitative evidence of impact | If applicable, report the methods used to qualitatively explore the impact of PPI in the study | 8-9 |
| 5b: Quantitative evidence of impact | If applicable, report the methods used to quantitatively measure or assess the impact of PPI | 9-10 |
| 5c: Robustness of measure | If applicable, report the rigour of the method used to capture or measure the impact of PPI | 9-10 |
| <i>Section 6: Economic assessment</i> | | |
| 6: Economic assessment | If applicable, report the method used for an economic assessment of PPI | Not applicable |
| <i>Section 7: Study results</i> | | |
| 7a: Outcomes of PPI | Report the results of PPI in the study, including both positive and negative outcomes | 11-20 |
| 7b: Impacts of PPI | Report the positive and negative impacts that PPI has had on the research, the individuals | 19-20 |

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| | involved (including patients and researchers), and wider impacts | |
| 7c: Context of PPI | Report the influence of any contextual factors that enabled or hindered the process or impact of PPI | 7-9, 18-21 |
| 7d: Process of PPI | Report the influence of any process factors, that enabled or hindered the impact of PPI | 7-9, 18-21 |
| 7ei: Theory development | Report any conceptual or theoretical development in PPI that have emerged | Not applicable |
| 7eii: Theory development | Report evaluation of theoretical models, if any | Not applicable |
| 7f: Measurement | If applicable, report all aspects of instrument development and testing (eg, validity, reliability, feasibility, acceptability, responsiveness, interpretability, appropriateness, precision) | Not applicable |
| 7g: Economic assessment | Report any information on the costs or benefit of PPI | 7 |
| <i>Section 8: Discussion and conclusions</i> | | |
| 8a: Outcomes | Comment on how PPI influenced the study overall. Describe positive and negative effects | 20-21 |
| 8b: Impacts | Comment on the different impacts of PPI identified in this study and how they contribute to new knowledge | 20-21 |
| 8c: Definition | Comment on the definition of PPI used (reported in the Background section) and whether or not you would suggest any changes | 20-23 |

| Section and topic | Item | Reported page # |
|---|---|-----------------|
| 8d: Theoretical underpinnings | Comment on any way your study adds to the theoretical development of PPI | 20-23 |
| 8e: Context | Comment on how context factors influenced PPI in the study | 20 |
| 8f: Process | Comment on how process factors influenced PPI in the study | 20-21 |
| 8g: Measurement and capture of PPI impact | If applicable, comment on how well PPI impact was evaluated or measured in the study | 20-21, 23 |
| 8h: Economic assessment | If applicable, discuss any aspects of the economic cost or benefit of PPI, particularly any suggestions for future economic modelling. | Not applicable |
| 8i: Reflections/critical perspective | Comment critically on the study, reflecting on the things that went well and those that did not, so that others can learn from this study | 23-24 |

PPI, patient and public involvement.