

Supplemental Table 2 GRIPP2 Long Form.

Section and topic	Checklist item	Included
Section 1: Abstract of paper		
1a: Aim	Report aims of study	
1b: Methods	Describe methods used by which patients/public involved	Yes
1c: Results	Report impacts and outcomes of PPI in study	N/A
1d: Conclusions	Summarize main conclusions of study	N/A
1e: Keywords	Include PPI or alternative terms as keywords	Yes
Section 2: Background to paper		
2a: Definition	Report definition of PPI used and how it links to comparable studies	Yes
2b: Theoretical underpinnings	Report theoretical rationale and influences of PPI	Yes
2c: Concepts and theory development	Report any conceptual models or influences used	Yes
Section 3: Aims of paper		
3: Aim	Report aims of study	Yes
Section 4: Methods of paper		
4a: Design	Describe methods by which patients involved	Yes
4b: People involved	Describe patients involved with PPI activity in study	Yes
4c: Stages of involvement	Report on how PPI used at different stages of study	Yes
4d: Level or nature of involvement	Report level or nature of PPI used at various stages	Yes
Section 5: Capture or measurement of PPI impact		
5a: Qualitative evidence of impact	Report methods to qualitatively explore impact of PPI	N/A
5b: Quantitative evidence of impact	Report methods to quantitatively measure impact of PPI	N/A
5c: Robustness of measure	Report rigour of method used to capture impact of PPI	N/A
Section 6: Economic assessment		
6: Economic assessment	Report method used for economic assessment of PPI	N/A
Section 7: Study results		
7a: Outcomes of PPI	Report results of PPI, including positive and negative outcomes	N/A
7b: Impacts of PPI	Report positive and negative impacts PPI had on research, individuals involved, and wider impacts	N/A
7c: Context of PPI	Report contextual factors the enabled or hindered the process of impact of PPI	N/A
7d: Process of PPI	Report process factors that enabled or hindered PPI	N/A
7ei: Theory development	Report any theory development in PPI that emerged	N/A
7eii: Theory development	Report testing of theoretical models, if any	N/A
7f: Measurement	Report instrument development and testing	N/A
7g: Economic assessment	Report costs or benefits of PPI	N/A
Section 8: Discussion and conclusion		
8a: Outcomes	Comment on how PPI influenced overall study	N/A
8b: Impacts	Comment on impacts of PPI and how they contribute to new knowledge	N/A
8c: Definition	Comment on definition of PPI used and report any suggested changes	N/A
8d: Theoretical underpinnings	Comment on study's contribution to theory development of PPI	N/A
8e: Context	Comment on how context factors influenced PPI	N/A
8f: Process	Comment on how process factors influenced PPI	N/A
8g: Measurement/capture of PPI impact	Comment on how well PPI impact was evaluated	N/A
8h: Economic assessment	Discuss economic costs or benefits of PPI	N/A
8i: Reflections/critical perspective	Reflect on what went well and what did not go well	N/A

PPI=patient and public involvement