

## Qualitative exploration of patients' experiences with Intrabeam targeted intraoperative radiotherapy (TARGIT-IORT) and External-Beam Radiotherapy Treatment (EBRT).

### COREQ (COnsolidated criteria for Reporting Qualitative research) Checklist

Item No.	Topic	Question	Reported on
<b>Domain 1: Research team and reflexivity</b>			
<i>Personal characteristics</i>			
1	Interviewer	Which authors conducted the interviews?	Page 8
2	Credentials	What were the researcher's credentials?	Page 1
3	Occupation	What was their occupation at the time of the study?	Page 1
4	Gender	Was the researcher male or female?	Page 8
5	Experience and training	What experience and training did the research have?	Page 8
<i>Relationship with participants</i>			
6	Relationship established	Was a relationship established prior to study commencement?	Page 7
7	Participant knowledge of the interviewer	What did the participants know about the researcher?	Page 7
8	Interviewer characteristics	What characteristics were reported about the interviewer?	Page 1 and page 8
<b>Domain 2: Study design</b>			
<i>Theoretical framework</i>			
9	Methodological orientation and theory	What methodological orientation was stated to underpin the study?	Page 4
<i>Participant selection</i>			
10	Sampling	How were participants selected?	Page 6
11	Method of approach	How were participants approached?	Page 6
12	Sample size	How many participants were in the study?	Page 6
13	Non-participation	How many people refused to participate or dropped out? reasons?	Page 6
<i>Setting</i>			
14	Setting of data collection	Where was the data collected?	Page 7
15	Presence of non-participants	Was anyone present besides the participants and researchers?	Not applicable
16	Description of sample	What are the important characteristics of the sample?	Page 5 and 7
<i>Data collection</i>			
17	Interview guide	Were questions, prompts, guides provided by the authors? Was it piloted tested?	See Supplementary material for discussion guides used.
18	Repeat interviews	Were repeat interviews carried out? If yes, how many?	Not applicable
19	Audio / video recording	Did the research use audio or visual recording to collect the data?	Page 7

20	Field notes	Were field notes made during / or after interview?	Page 9
21	Duration	What was the duration of the interviews?	Page 8
22	Data saturation	Was data saturation discussed?	Page 9
23	Transcripts returned	Were transcripts returned to participants for comment and / or correction?	Page 5 and pages 8-9  Note. In our methodology themes were validated by the Working Group (patients and care partner with lived experiences with breast cancer treatment) and informal member checking took place during the interviews themselves.
<b>Domain 3: Analysis and findings</b>			
<i>Data analysis</i>			
24	Number of data coders	How many data coders coded the data?	Page 9
25	Description of the coding tree	Did authors provide a description of the coding tree?	Page 9
26	Derivation of themes	Were themes identified in advance or derived from the data?	Page 9
27	Software	What software, if applicable, was used to managed the data?	Page 9
28	Participant checking	Did participants provide feedback on the findings?	In our methodology themes were validated by the Working Group (patients and care partner with lived experiences with breast cancer treatment).
<i>Reporting</i>			
29	Quotations presented	Were participant quotations presented to illustrate the themes / findings? Was each quotation identified?	Pages 10-26
30	Data and findings consistent	Was there consistency between the data presented and the findings?	Pages 9-26
31	Clarity of major themes?	Were major themes clearly presented in the findings?	Page 10 and Discussion (page 10 to 26)  Note. Page 10, Table 3, displays the major and minor themes.
32	Clarity of minor themes?	Is there a description of diverse cases or discussion of minor themes?	Pages 10-26  Note. Page 10, Table 3, displays the major and minor themes. Where diverse / deviant cases are identified, they are

			transparently addressed within pages 10-26.
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