Supplementary material BMJ Qual Saf

Supplementary Table 1. Quality appraisal form items

Approach and design									
1	Was the research problem and/or research question clearly reported/defined? • Description and significance of the problem/phenomenon studied? • Is there an explicit formulation of a research question or a statement drawing on a SPICE/PICO structure?	Yes	Partially	No	Unclear				
2	Was there a clear statement of the aims and/or objectives of the research? • Did the researchers explicitly state the specific research objectives?	Yes	Partially	No	Unclear				
3	 Was a qualitative methodology appropriate? ■ Did the study seek to interpret or illuminate the actions and/or subjective experiences of research participants? 	Yes	Partially	No	Unclear				
4	Was the research design appropriate to address the aims of the research? • Did the researcher justify the research design (e.g. have they discussed how they decided which method to use)?	Yes	Partially	No	Unclear				
5	Was the sampling and recruitment strategy clearly defined and justified? • Did the researchers explain how and why the participants were selected? • Is there information about participant characteristics and if/why any participants chose not to take part? • Was saturation discussed/achieved?	Yes	Partially	No	Unclear				
Data collection									
6	 Was the method of data collection well described? Was the setting justified? Is it clear what methods used to collect data? Were methods justified and made explicit? Were methods modified during the study (how, why)? 	Yes	Partially	No	Unclear				
7	Were any techniques to enhance trustworthiness used? • e.g. member checking, audit trail, triangulation	Yes	Partially	No	Unclear				
8	Has the relationship between researchers and participants been adequately considered? • Did the researchers critically examine their own role, bias and influence? • Did the researchers consider the implications of any changes in the research design? • Were there any potential power relationships involved?	Yes	Partially	No	Unclear				
9	Have ethical issues been taken into consideration?	Yes	Partially	No	Unclear				

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	 How was the research explained to participants? 								
	Did the researchers discuss issues around informed consent or								
	confidentiality or how they handled any effects of the study on								
	participants during/after the study?								
	Was ethical approval sought?								
	Data analysis and findings								
10	Was the data analysis/interpretation process well described and justified?								
	Is there a detailed description of the analysis process?								
	Is the process by which inferences/categories/themes were derived	Yes	Partially	No	Unclear				
	from the data clearly explained?								
11	Was there a clear statement of findings?								
	 Is there adequate and balanced discussion of evidence both for and 								
	against the researchers' arguments?	Yes	Partially	No	Unclear				
	Are the findings discussed in relation to the original research		,						
	question and/or study objectives?								
12	Are the analysis and findings credible?								
	 Are sufficient data presented to support the findings? 								
	To what extent contradictory data are taken into account?								
	Did the researchers discuss the credibility of their findings	Yes	Partially	No	Unclear				
	 Are the explanations presented plausible and coherent? 								
	 Were alternative explanations for the findings explored? 								
	Other								
13	Was any conflict of interest reported?		Yes No						
14	Open comments for discussion								
	How valuable is the research overall?								
	 Did the researchers discuss the contribution the study makes to existing knowledge or understanding? 								
	 Were the findings considered in relation to current practice or policy? Did the researchers identify any new areas where further research is necessary? 								
	Did the researchers discuss whether or how the findings might be transferred to other								
	populations/settings?								