

## APPENDIX 2

## Consolidated criteria for reporting qualitative studies (COREQ): 32-item checklist

No	Item	Guide questions/description
<b>Domain 1:</b>		
<b>Research team and reflexivity</b>		
Personal Characteristics		
1.	Interviewer/facilitator	Which author/s conducted the interview or focus group? Yasuki Fujinuma conducted the focus group interview. Masayasu Seki and Tatsuhiro joki assisted. Page 7.
		Masayasu Seki, MD, PhD Yasuki Fujinuma, MD Masato Matsushima, MD, PhD, MPH Tatsuhiro Joki, MD, PhD Hideo Okonogi, MD, PhD Yasuhiko Miura, MD, PhD
2.	Credentials	What were the researchers' credentials? <i>E.g., PhD, MD</i> Jun Hiramoto, MD, PhD Iwao Ohno, MD, PhD. Page 1.

No	Item	Guide questions/description	
3.	Occupation	What was their occupation at the time of the study?	All researchers were primary care physician. Page 1.
4.	Gender	Was the researcher male or female?	All researchers were male. Page 1.
5.	Experience and training	What experience or training did the researcher have?	We conducted this research using the same analysis as for a previous study. Page 4.
Relationship with participants			
6.	Relationship established	Was a relationship established prior to study commencement?	Participants were interviewed after taking the Family Medicine Brush-up Program for two years. Interviewers facilitated the program. Page 4, 5, 6.
7.	Participant knowledge of the interviewer	What did the participants know about the researcher? e.g.,	The participants received an explanation of the taped focus group interview process and gave their consent to participate. Page 5, 6, 7.

No	Item	Guide questions/description	
		<i>personal goals, reasons for doing the research</i>	
8.	Interviewer characteristics	What characteristics were reported about the interviewer/facilitator? <i>e.g., Bias, assumptions, reasons and interests in the research topic</i>	The main interviewer (Yasuki Fujinuma) was practicing primary care and was engaged in research and education activities in family medicine. Page 7.
<b>Domain 2: study design</b>			
			Theoretical framework
9.	Methodological orientation and theory	What methodological orientation was stated to underpin the study? <i>e.g., grounded theory, discourse analysis, ethnography,</i>	We analyzed the interview records with the Steps for Coding and Theorization (SCAT) method, which is a grounded theory-based thematic analysis approach. This method is suitable for the analysis of relatively small samples. The SCAT method improves reflexivity by looking back each

No	Item	Guide questions/description	
		<i>phenomenology, content analysis</i>	steps, and can be expected to improve the possibility of falsifiability by clarifying the analysis process. Page 7, 8.
Participant selection			
10.	Sampling	How were participants selected? <i>e.g., purposive, convenience, consecutive, snowball</i>	Participants were all those who had completed the two-year program. Page 5, 6.
11.	Method of approach	How were participants approached? <i>e.g., face-to-face, telephone, mail, email</i>	Face-to-face. Page 6, 7.
12.	Sample size	How many participants were in the study?	8 participants. Page 5, 6.
13.	Non-participation	How many people refused to participate or dropped out? Reasons?	None. Page 5, 6.

No	Item	Guide questions/description	
Setting			
14.	Setting of data collection	Where was the data collected? <i>e.g., home, clinic, workplace</i>	The participants were interviewed in a quiet room undisturbed by daily activities. Page 7.
15.	Presence of non-participants	Was anyone else present besides the participants and researchers?	No. Page 6, 7.
16.	Description of sample	What are the important characteristics of the sample? <i>e.g., demographic data, date</i>	Eight participants completed the Family Medicine Brush-up Program targeting physicians who had not undertaken specialist training in family medicine and had qualified at least 10 years previously. Page 5, 6.
Data collection			
17.	Interview guide	Were questions, prompts, guides provided by the authors? Was it pilot tested?	The interview was conducted using the guiding questions and was not pilot tested. Page 6, 7.

No	Item	Guide questions/description	
18.	Repeat interviews	Were repeat interviews carried out? If yes, how many?	A single focus group interview was conducted. Page 5, 6.
19.	Audio/visual recording	Did the research use audio or visual recording to collect the data?	The interview was audio-recorded using a digital recorder. Page 5, 6.
20.	Field notes	Were field notes made during and/or after the interview or focus group?	Yes. Page 6, 7.
21.	Duration	What was the duration of the interviews or focus group?	72 minutes. Page 7.
22.	Data saturation	Was data saturation discussed?	Saturation was defined as the point with no new comments from the participants. Page 7.
23.	Transcripts returned	Were transcripts returned to participants for comment and/or correction?	No. Page 7.

No	Item	Guide questions/description	
<b>Domain 3: analysis and findings</b>			
Data analysis			
24.	Number of data coders	How many data coders coded the data?	Two. Page 7.
25.	Description of the coding tree	Did authors provide a description of the coding tree?	Yes (see results). Page 7, 8.
26.	Derivation of themes	Were themes identified in advance or derived from the data?	Themes were derived from the data. Page 7, 8.
27.	Software	What software, if applicable, was used to manage the data?	Not applicable. Page 7.
28.	Participant checking	Did participants provide feedback on the findings?	No. Page 7.

No	Item	Guide questions/description	
Reporting			
29.	Quotations presented	Were participant quotations presented to illustrate the themes/ findings? Was each quotation identified? e.g., <i>participant number</i>	Yes, quotations are presented and identified. Page 8, 9.
30.	Data and findings consistent	Was there consistency between the data presented and the findings?	Yes. Page 8, 9, 10, 11.
31.	Clarity of major themes	Were major themes clearly presented in the findings?	Yes. Page 8, 9.
32.	Clarity of minor themes	Is there a description of diverse cases or discussion of minor themes?	Yes. Page 8, 9, 10, 11.