

## SUPPLEMENTAL APPENDIX 1 – Consolidated criteria for reporting qualitative studies (COREQ): 32-item checklist<sup>21</sup>

No. Item	Guide questions/description	Response
<b>Domain 1: Research team and reflexivity</b>		
<i>Personal Characteristics</i>		
1. Inter viewer/ facilitator	Which author/s conducted the interview or focus group?	Kitty De Clercq, Eefje G.P.M. de Bont and Marjorie H.J.M.G. Nelissen-Vrancken
2. Credentials	What were the researcher's credentials? E.g. PhD, MD	Kitty De Clercq, MVetMed Eefje G.P.M. de Bont, MD, MSc, PhD Marjorie H.J.M.G. Nelissen-Vrancken, PhD Jochen W.L. Cals, MD, MSc, PhD, Prof
3. Occupation	What was their occupation at the time of the study?	Kitty De Clercq: medical student Eefje G.P.M. de Bont: GP, researcher Marjorie H.J.M.G. Nelissen-Vrancken: senior pharmacist, working at National Institute for Rational Use of Medicine Jochen W.L. Cals: GP, Professor, researcher
4. Gender	Was the researcher male or female?	Males (1) and females (3)
5. Experience and training	What experience or training did the researcher have?	Extensive experience in the field of qualitative research by means of previous work, courses and education.
<i>Relationship with participants</i>		
6. Relationship established	Was a relationship established prior to study commencement?	Prior to the focus groups, 6 participants (3 GPs and 3 pharmacists) were interviewed to prepare the topic-list .
7. Participant knowledge of the interviewer	What did the participants know about the researcher? e.g. personal goals, reasons for doing the research	Prior to every focus group, each participant received written information, including the purpose of the study.
8. Interviewer characteristics	What characteristics were reported about the interviewer/facilitator? e.g. Bias, assumptions, reasons and interests in the research topic	The moderator is a pharmacist and the observers are medical student/doctor.
<b>Domain 2: study design</b>		
<i>Theoretical framework</i>		
9. Methodological orientation and Theory	What methodological orientation was stated to underpin the study? e.g. grounded theory, discourse analysis, ethnography, phenomenology, content analysis	Naturalistic approach Grounded theory Inductive content analysis Constant comparative method
<i>Participant selection</i>		

10. Sampling	How were participants selected? e.g. purposive, convenience, consecutive, snowball	Purposeful sampling was used, based on different GP and pharmacy information systems, varied composition of the cooperatives, diverse backgrounds of the participants and interest of the cooperatives.
11. Method of approach	How were participants approached? e.g. face-to-face, telephone, mail, email	Face-to-face (during exploratory interviews) and by mail.
12. Sample size	How many participants were in the study?	44 participants
13. Non-participation	How many people refused to participate or dropped out? Reasons?	1 cooperative, due to lack of time.
<i>Setting</i>		
14. Setting of data collection	Where was the data collected? e.g. home, clinic, workplace	The focus groups were organised during already scheduled meetings of the cooperatives at the location where usually their pharmacotherapeutic audit meetings take place (general practice, pharmacy or rented meeting room).
15. Presence of non-participants	Was anyone else present besides the participants and researchers?	No
16. Description of sample	What are the important characteristics of the sample? e.g. demographic data, date	4 focus group discussions were performed, with 44 participants, between mid-February and mid-May 2019, in the South of Limburg (the Netherlands). In total 34 GPs and 10 pharmacists participated, 26 were male and 18 were female. The mean age was 44 years (with a range of 27 - 67 years) and on average the participants had 14,5 years of working experience (with a range of 0,5 - 33 years).
<i>Data collection</i>		
17. Interview guide	Were questions, prompts, guides provided by the authors? Was it pilot tested?	Based on literature and <i>a priori</i> exploratory interviews with three GPs and three pharmacists, questions were prepared by the authors and added to the topic-list. Questions were discussed among the researchers, but the topic-list was not pilot tested.
18. Repeat interviews	Were repeat inter views carried out? If yes, how many?	No
19. Audio/visual recording	Did the research use audio or visual recording to collect the data?	Yes, the focus group discussions were audio-recorded.
20. Field notes	Were field notes made during and/or after the interview or focus group?	Yes
21. Duration	What was the duration of the inter views or focus group?	45-60 minutes
22. Data saturation	Was data saturation discussed?	Yes
23. Transcripts returned	Were transcripts returned to participants for comment	Yes, a member check was done.

	and/or correction?	
<b>Domain 3: analysis and findings</b>		
<i>Data analysis</i>		
24. Number of data coders	How many data coders coded the data?	Two
25. Description of the coding tree	Did authors provide a description of the coding tree?	Yes, see results.
26. Derivation of themes	Were themes identified in advance or derived from the data?	Main categories and subcategories were derived from the data. The process of coding and analysing a discussion always took place prior to the following focus group. Contradictions were discussed and resolved, and the coding scheme was modified several times.
27. Software	What software, if applicable, was used to manage the data?	NVivo software, version 12.0.
28. Participant checking	Did participants provide feedback on the findings?	No
<i>Reporting</i>		
29. Quotations presented	Were participant quotations presented to illustrate the themes/findings? Was each quotation identified? e.g. participant number	Yes, quotes were presented and identified (participant and focus group).
30. Data and findings consistent	Was there consistency between the data presented and the findings?	Yes
31. Clarity of major themes	Were major themes clearly presented in the findings?	Yes
32. Clarity of minor themes	Is there a description of diverse cases or discussion of minor themes?	Yes