

### Supplemental file 1 – Questions used in data collection tools

#### Questions and probes used in semi-structured interview guides:

Section	Examples of questions	Examples of probes
<b>Interprofessional collaboration and communication</b>	Which health care providers do you communicate and collaborate with when providing care to women of reproductive age affected by [insert disease area]?	<ul style="list-style-type: none"> <li>Do you encounter any challenges or barriers in this process?</li> </ul>
<b>Shared decision making</b>	How do you involve women of reproductive age in conversations that pertain to the treatment and management of their condition?	<ul style="list-style-type: none"> <li>Are you satisfied with this process?</li> </ul>
<b>Patient's understanding of the disease</b>	As a [insert profession], how do you go about ensuring patients have a proper understanding of their condition?	<ul style="list-style-type: none"> <li>What could be improved?</li> </ul>
<b>Risk assessment</b>	Could you describe your approach to discussing potential risks with female patients diagnosed with [insert disease area]?	<ul style="list-style-type: none"> <li>Why?</li> </ul>
<b>Treatment</b>	Do you experience any challenges when exploring viable treatment options with women who are currently pregnant, or plan to be?	<ul style="list-style-type: none"> <li>Can you walk me through this process in greater detail?</li> </ul>
<b>Management</b>	How do you monitor if a patient respects the treatment plan that was agreed upon?	<ul style="list-style-type: none"> <li>Can you give me an example of...?</li> </ul>

Note: Each question was tailored to the participant's profession and scope of practice (i.e., dermatology or rheumatology).

**Supplemental file 1 – Questions used in data collection tools****Questions and related items used in online survey:**

<b>Main question</b>	<b>Items</b>	<b>Participant</b>	<b>Scale</b>
<b>For each item listed below, please select the number that best describes your current level of knowledge, according to what is expected of you in your professional role.</b>	The impact of psoriasis on women's reproductive health	Dermatologists	<i>5-point scale:</i> 1=No knowledge 2=Basic 3=Intermediate 4=Advanced 5=Expert
	The impact of psoriatic arthritis, rheumatoid arthritis and axial spondylarthritis on women's reproductive health	Rheumatologists	
	Safety data for biologic injectables (e.g., TNF, IL-12, IL-23 and IL-17 inhibitors) for female patients with moderate to severe psoriasis who are pregnant	Dermatologists	
	Safety data for biologic injectables (e.g., TNF, IL-12, IL-23 and IL-17 inhibitors) for female patients with moderate to severe psoriasis who are breastfeeding	Dermatologists	
	Safety data for biologic injectables (e.g., TNF, IL-12, IL-23 and IL-17 inhibitors) for female patients with moderate to severe psoriatic arthritis, rheumatoid arthritis and axial spondylarthritis who are pregnant	Rheumatologists	
	Safety data for biologic injectables (e.g., TNF, IL-12, IL-23 and IL-17 inhibitors) for female patients with moderate to severe psoriatic arthritis, rheumatoid arthritis and axial spondylarthritis who are breastfeeding	Rheumatologists	
	Strategies for shared decision-making between physicians and patients	Dermatologists and Rheumatologists	
	Patient education aids relevant to women of reproductive age with psoriasis	Dermatologists	
	Patient education aids relevant to women of reproductive age with psoriatic arthritis, rheumatoid arthritis and axial spondylarthritis	Rheumatologists	

Murray S, Augustyniak M, Murase JE, et al *BMJ Open* 2021;:1–12. doi: [bmjopen-2020-043960](https://doi.org/10.1136/bmjopen-2020-043960)

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<b>Main question</b>	<b>Items</b>	<b>Participant</b>	<b>Scale</b>
<b>For each item listed below, please select the number that best describes your current level of skill, according to what is expected of you in your professional role.</b>	Discussing contraceptive methods with patients	Dermatologists and Rheumatologists	<i>5-point scale:</i> 1=No skill 2=Basic 3=Intermediate 4=Advanced 5=Expert
	Closely monitoring changes in pregnancy status or childbearing aspiration		
	Making appropriate treatment adjustments in the face of an unplanned pregnancy		
	Adapting to patient's health literacy level when explaining treatment options		
	Identifying patient's motive for a certain treatment preference		
	Helping patients set aspirational and realistic treatment targets with patients and their health care team		
	Involving general practitioners in the monitoring and co-management of patients		
	Selecting safe and effective treatments with obstetrician gynecologist for women of reproductive age with a chronic inflammatory condition		
<b>How confident are you performing each of the following clinical tasks, according to what is expected of you in your professional role?</b>	Discussing contraceptive methods with patients		<i>Visual analogue scale:</i> 0= Not at all confident 100= Highly confident
	Adjusting treatment in the face of unplanned pregnancy		
	Prescribing biologic injectables (e.g., TNF, IL-12, IL-23 and IL-17 inhibitors) before or after pregnancy		
	Prescribing biologic injectables (e.g., TNF, IL-12, IL-23 and IL-17 inhibitors) during pregnancy		

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<b>Main question</b>	<b>Items</b>	<b>Participant</b>	<b>Scale</b>
<b>Please indicate your level of agreement with each of the following items when providing care to women of reproductive:</b>	I ask about their sexual activity and reproductive health concerns	Dermatologists and Rheumatologists	<i>5-point scale:</i> 1= Strongly disagree 2= Disagree 3= Neither agree nor disagree 4= Agree 5= Strongly agree
	I feel like I need to interfere in their private life when asking about their sexual and reproductive health		
	I often forget to engage them in shared decision-making		
	I feel pressure to make a treatment decision rapidly without their input		
	I prefer leaving pregnancy related discussions to obstetrician gynecologists		
	I frequently consult with an obstetrician/ gynecologist on aspects of reproductive health that I am uncomfortable discussing		
	The electronic health record system I use is compatible with those of other institutions		
	It is challenging to deliver medical advice that aligns with what other health care professionals recommend to my patients		

Note: For each item, participants have the option to select 'NR' (Not relevant to my current professional role).