**S1 File Discussion Topic Guide**

**Implementation challenges of artificial intelligence (AI) in primary care: perspectives of ethnically diverse general practitioners in the UK**

**Understanding AI in Primary Care**

* **Prompt:** "What is your current understanding and perception of AI in primary care?"
* **Discussion Points:**
  + Variations in the level of AI awareness among primary care professionals
  + Real-world examples of AI applications in primary care
  + Expectations versus realities of AI integration in healthcare settings

**Potential Uses and Impact of AI**

* **Prompt:** "Identify potential uses of AI in your daily primary care practices."
* **Discussion Points:**
  + AI in diagnostic processes, patient triaging, and treatment plans
  + Impact of AI on patient outcomes and clinical decision-making
  + The role of AI in enhancing patient engagement and personalised care

**Addressing Concerns and Challenges**

* **Prompt:** "Discuss the main concerns and ethical challenges in implementing AI in primary care."
* **Discussion Points:**
  + Data privacy, security, and consent in the context of AI
  + Addressing biases and ensuring equity in AI algorithms
  + Managing the integration of AI with existing healthcare systems and workflows

**Collaborative Action Planning**

* **Prompt:** "Develop a collaborative action plan for effective AI implementation in your practice."
* **Discussion Points:**
  + Identifying key stakeholders and their roles in AI implementation
  + Strategies for training and supporting primary care staff in AI adoption.
  + Setting realistic goals and measuring the success of AI integration

**Wrap-Up and Next Steps**

* **Prompt:** "Reflect on the insights gained today and propose the next steps for AI integration in primary care."
* **Discussion Points:**
  + Collaborative strategies for ongoing learning and adaptation to AI advancements.
  + Building a network for sharing best practices and experiences in AI implementation.