

Appendix S4. Key elements influencing the intervention implementation based on CFIR domains

Domains	Barriers	Facilitators
A. Intervention characteristics		Quotes
1. Familiarity with interventions principles		<p>Participants reported that they were already successfully applying certain principles being part of the intervention.</p> <p>Participants' prior experiences or practices in interdisciplinary collaboration, motivational approach and research</p>
2. Appreciation of intervention components and relative advantage		<p>Most of the participants believe the intervention was well designed and innovative. For example, healthcare professionals highly appreciated the intervention's approaches, such as the patient-centred care and motivational approaches.</p>
4. Complexity	<p>Some concepts were difficult to explain to patients and not applicable to everyone.</p> <p>It was challenging to use the motivational approach</p>	
B. Outer setting		
1. Health system reorganization	<p>The health reform context has influenced the ordinary course of the intervention implementation, particularly in terms of coordination and monitoring.</p>	
C. Inner setting		
1. Internal organization	<p>Staff turnover/holidays and vacations</p> <p>Lack of infrastructures in some FMGs negatively impacted interprofessional collaboration and interdisciplinarity.</p>	<p>Coordination/monitoring of patient appointments</p> <p>Sharing patient records</p>
2. Compatibility	<p>The principles of the intervention were not compatible with the family physicians' philosophy and practice. This likely hindered interprofessional collaboration and negatively influenced physician involvement</p>	<p>the approaches advocated by the intervention such as interprofessional collaboration, motivational approach, self-management as well as the patient-centered care approach correspond to their values and vision as healthcare professionals.</p>

D. Characteristics of individuals		
1. Leadership engagement		<p>Managers involvement and commitment have certainly facilitated the implementation of the intervention.</p> <p>The presentation and promotion of the intervention with healthcare professionals working in the FMGs, conducted jointly by a group of researchers and managers, was highly appreciated.</p>
E. Process of implementation		
1. Communication		<p>Communication, both face-to-face and through telephone meetings, has helped maintain interaction between healthcare professionals during implementation.</p>