

**Additional File 2: The Joint Clinic programme logic model**

Definition of the problem	Inputs		Outputs Implementation →		Outcomes		
	Components	Activities	Activities	Target	Short term	Intermediate	Long term
<p>Osteoarthritis (OA) principally affects the older population, and is the most common form of arthritis. The prevalence of OA increased 32% in the last decade.</p> <p>In New Zealand, OA of the hip and knee is the most common condition for which joint replacements are indicated. As the population ages, this will place significant stress on the health resources in NZ.</p> <p>In Dunedin, there is a disproportionately low number of orthopaedic specialists. Up to 44% of patients with OA of the hip or knee referred for orthopaedic consultation are unable to be offered a specialist consultation.</p> <p>Evidence supports that multidisciplinary collaboration and communication are essential to promote continuous, co-ordinated, patient-centred care for people with OA.</p>	<p>Identify clinical need</p> <p>Proposal of the 'Joint Clinic' as a solution to unmet need.</p> <p>Grant from National Health Board (via SDHB)</p> <p>Research conducted at Centre for Musculoskeletal Outcomes Research, University of Otago</p>	<p>Finalize model and plans</p> <p>Develop key aims and evaluation plan</p> <p>Develop clinical pathway</p> <p>Develop staffing plan</p> <p>Develop method of reporting</p> <p>Develop method of liaising with GPs and Orthopaedic staff/surgeons</p>	<p>Complete monthly implementation and outcomes reports</p> <p>Collaborate with SDHB, GPs, and Orthopaedic outpatient services</p> <p>Coordinate te programme across relevant sectors</p>	<p>Share assessments with GPs and surgeons</p> <p>Gain support from stakeholders and actors</p> <p>Educate GPs about existence of Joint Clinic and its role in the patient pathway</p>	<p>Collaborative planning and goal setting</p> <p>Achieve outcomes targets: - primary outcome = reduce unmet need for orthopaedic consultations for patients with OA</p> <p>Complete programme evaluation report for funders</p>	<p>Address issues raised by evaluation</p> <p>Publish outcomes in peer-reviewed journals</p> <p>Increase or meet capacity</p>	<p>Attain funding security for continuation of the service</p> <p>Replicate Joint Clinic model with other musculoskeletal conditions</p>

**Time** →

Notes: GP = general medical (family practice) practitioner; OA = osteoarthritis; SDHB = Southern District Health Board