



How Bond University Doctor of Physiotherapy Students have been prepared for their Specialist Clinical Placement

Previous learning: In addition to completing previous coursework in the core areas of Cardiorespiratory, Orthopaedics, Neurological and Musculoskeletal physiotherapy, students have also completed the following coursework subjects:

- *Community Physiotherapy Across the Lifespan (PHTY72-412)*
- *Maximising Human Potential and Performance (PHTY72-414)*
- *Leadership, Management and Advocacy in Healthcare (PHTY72-418)*

The main knowledge and skills covered in these subjects are outlined below.

Coursework subject	The main knowledge areas covered	The main practical skills covered
<i>Community Physiotherapy Across the Lifespan (PHTY72-412)</i>	• Knowledge of a variety of chronic diseases and disabilities across the lifespan. • Knowledge and application of the International Classification of Functioning, Disability and Health (ICF) framework / model. • Principles of using the ICF as a framework and an understanding of how to apply it at an individual client and service level. • Knowledge of the diversity of multi- disciplinary community services available for clients across the lifespan and the role that physiotherapists have within these teams. • Knowledge regarding the roles of a case management within a community setting. • Relevant communication skills and empathy necessary for helping clients and their family members cope with a chronic disease or disability.	• Assessment and management of a client within the community setting with a focus on identifying “barriers” and “facilitators” to patient goals. • Formulating appropriate and thorough physiotherapy programs for clients with chronic disease or disability across the lifespan, focusing on: • Patient goals / SMART Goal setting / GAS Goals • Improving function and community participation • Preventing decline and secondary effects of inactivity • Formulating appropriate and thorough physiotherapy programs for clients of all ages within the home and clinical environments. • Identification of normal developmental milestones for infants and children. • Introduction to screening and assessment of children – Developmental checklists, clinical observations, AIMS, NSMDA, BOT2, GMFM and HINE. • Designing and implementing goal-oriented treatment plans with children and their families.

	• Relevant communication skills necessary for working with children, parents, teachers, and other medical team members. • Knowledge of the attitudes and perspectives expressed by clients that can impede motivation toward making lifelong positive behaviour changes. • Knowledge and understanding of normal child development, encompassing gross and fine motor development, speech and language development and social development • Knowledge of a variety of paediatric conditions affecting infants through to adolescence that can lead to disability. • Assessment tools and outcome measures commonly used by physiotherapists for people with acute or lifelong impairments that may lead to disability from infancy through to older adults • Role of the physiotherapist in the school setting • The physiotherapist's legal and ethical obligations when treating children and clients with a disability in a health care or community setting. • Equipment and aids used to assist people with impairments to improve their functional ability and /or prevent disability. • Outcome measures commonly used within the community. Evidence-base for treatment interventions available for physiotherapists working within the community setting and with clients with a chronic disease and/or disability. • Management approaches to working with paediatric clients with persistent pain. • Funding packages available to persons with a chronic disease / disability.	• Identification of primitive reflexes and awareness of general movements in infants. Assessment of infants for talipes, torticollis, plagiocephaly, Developmental Dysplasia of the Hip (DDH) and Brachial Plexus Birth Palsy (BPBP). • Neuro-developmental and infant assessments. • Parent education and exercises for babies with talipes, torticollis, plagiocephaly, DDH, BPBP. • Promoting flexed handling in infants presenting with extension posturing. • Handling of infants and children with musculo-skeletal and neurological impairments. • Therapeutic play for assessment and treatment with paediatric populations. • Biopsychosocial assessments and case management skills. • Identification of equipment and aids that can assist people with disability to improve their functional abilities. • Assistive device (Wheelchair and other mobility aids) prescription. • 2D gait analysis including gait pattern classifications typical of Cerebral Palsy. • Communication skills necessary for helping clients and their families cope with life-long conditions and encourage clients to make informed decisions, through shared-decision making conversations. • Assessment and treatment skills for women in the pre-natal, post-natal care periods • Assessment and treatment skills for women with continence related impairments, gynae surgery and / or persistent pelvic pain.
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	• Assessment and treatment approaches for prenatal and postnatal care of women • Assessment and treatment approaches for inpatient and outpatient pelvic conditions (e.g. gynae surgery, persistent pelvic pain, continence).	
Maximising Human Potential and Performance (PHTY72-414)	• Critical thinking and navigating the grey areas in physiotherapy • Concussion guidelines, assessments and return to sport protocols. • Assessment and management of scoliosis • Strength, endurance, power, hypertrophy and aerobic based training for rehabilitation. • Considerations, assessments and treatment of overuse injuries in sports • The role of the physiotherapist in a sporting and return to work setting • The team approach needed to care for elite athletes • Similarities and differences between elite athletes and the weekend sportsman • The impacts of age and gender on sporting injuries, compounding factors and ethical guidelines for treatments • Assessment and treatment of male pelvic floor muscles • Assessment and management of male continence across the lifespan • Role of prostate support groups and the range of aids available for men with erectile dysfunction • Effect of general exercise on pelvic floor muscles • Surgical techniques related to men's health	• Communication skills necessary for • Concussion guidelines, assessments and return to sport protocols. • Assessment and management of scoliosis • Strength, endurance, power, hypertrophy and aerobic based training for rehabilitation. • Considerations, assessments and treatment of overuse injuries in sports • Working with clients in men's health, clients with a disability and within a sporting and return to work context. • Conducting a return to sport assessment • Conducting a return-to-work assessment • Assessment and treatment of pelvic floor dysfunction in males. • Healthy ageing in males • Assessment and management of the male client with incontinence • Use of diagnostic ultrasound • Fundamental practical knowledge of specialist skills including acupuncture/dry needling, Pilates, advanced hydrotherapy, advanced massage. • Symptom modification in physiotherapy.

	• Treating athletes with impairments, including classifications, modifying techniques and team physiotherapist roles • Evidence-based treatment interventions available for physiotherapists working in men's health, and athletes with impairments • Current research linking the benefits of exercise and mental health • Integration of exercise science with physiotherapy practice • Fundamental knowledge of specialist skills including, acupuncture/dry needling Pilates, real-time ultrasound, burns treatment, advanced hydrotherapy, advanced massage, conducting rehabilitation of large groups • Role of the orthotist for enhancing mobility and postural impairments in persons with a disability across the lifespan. • Symptom modification in physiotherapy.	
Leadership, Management and Advocacy in Healthcare (PHTY72-418)	• Evaluate and integrate key management issues in the private sector, with a focus on establishing, purchasing, and operating a physiotherapy practice. • Analyse and apply organisational theory to understand and design effective organisational structures. • Identify and evaluate the principles of business operations, including marketing, financial planning, and human resource management. • Develop and assess strategic plans for physiotherapy practice, incorporating regulatory and professional standards. • Analyse leadership theories and concepts, drawing on evidence from leadership, management, and behavioural sciences.	• Develop a comprehensive strategy for setting up and managing a physiotherapy business. • Create a marketing plan that incorporates technology and complies with professional standards. • Prepare a financial plan tailored to a physiotherapy business. • Design human resource strategies that include communication, motivation, leadership, and performance appraisal. • Apply leadership theories and concepts to real-world physiotherapy scenarios through simulation-based learning. • Engage in critical self-reflection to enhance leadership and self-management skills.

	• Examine principles of effective communication, motivation, leadership, and performance appraisal. • Critically reflect on personal leadership capabilities and self-management strategies in professional contexts. • Interpret the social and cultural determinants of health and the role of public health structures in healthcare delivery. • Identify key public health organisations and their relevance to physiotherapy practice. • Understand the advocacy roles of physiotherapists, both for individual clients and the profession.	• Collaborate effectively in teams to address complex, industry-relevant management challenges. • Advocate effectively for clients and professional issues within healthcare systems. • Deliver professional presentations and communicate persuasively in a group setting.
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