

4.6 Innovator / Advisor

The sports physiotherapist advises athletes, other professionals, and the general public, as well as decision-makers in a variety of contexts. They are responsible for integrating new knowledge relating to sports physiotherapy into the advice given, thereby ensuring evidence-based-practice. This is described by Competency 10:

10 Extending Practice Through Innovation

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Extending Practice Through Innovation

Sports physiotherapists promote the appropriate application of new knowledge and innovations in multidisciplinary practice and decision-making processes, and influence the directions of further research and innovation

Context:

- new knowledge and innovations are applied and integrated in the different patient/client management and advisory roles of the sports physiotherapist in multidisciplinary contexts.
- the promotion and influence of development occur at case manager, service delivery, and policy development levels.

Behaviours:

- ongoing access of continually updated sources of information relating to research and innovations in sports physiotherapy and related fields.
- promotion of recent and ongoing research and innovation, to ensure that awareness of developments extends within and beyond sports physiotherapy.
- critical evaluation and discussion relating to the potential for incorporating new developments into practice.
- incorporation of new knowledge and innovations into education in formal and informal learning experiences.
- Introduction of new knowledge and innovations into decision-making process, by informing individuals who are involved in the development of policies and guidelines that affect sports physiotherapy, sports issues, and the promotion of a safe, active lifestyle.
- influence of future directions for research and innovation through the generation of ideas and research questions that aim to develop best practice

Specific National Interpretations –

Standards Relating to Competency 10: Extending Practice Through Innovation	
A foundational knowledge The sports physiotherapist demonstrates the ability to:	
10A: 1	identify ethical and safety issues involved in developing new practice, including theoretical grounding, risk assessment, informed consent, and rigorous evaluation of new equipment and techniques
B critique and synthesis The sports physiotherapist demonstrates the ability to:	
10B: 1	stay up to date in relation to new innovations and evidence for their effectiveness, by accessing, critiquing and synthesising information from different sources
C information collection The sports physiotherapist demonstrates the ability to:	
10C: 1	implement measures to evaluate established and novel measurement techniques and interventions by carrying out appropriate: <ul style="list-style-type: none"> • calibration, • validity and reliability testing, • outcome studies of intervention strategies, and • audit of service delivery
D information processing The sports physiotherapist demonstrates the ability to:	
10D: 1	creatively identify problems and questions relating to practice through synthesis of <ul style="list-style-type: none"> • high quality research evidence, • local analysis of data collected to evaluate current practice, and • observations of practice
10D: 2	analyse scientific and clinical knowledge to provide a basis for the design of potential solutions to problems or questions
E action / intervention The sports physiotherapist demonstrates the ability to:	
10E: 1	participate regularly and dynamically in networks or discussions that allow the opportunities for discussing clinical questions or needs, and searching for and sharing potential solutions
10E: 2	influence others in decisions relating to priority areas for research and development
10D: 3	devise or modify assessment techniques to address specific testing requirements of the sport and its context
10E: 4	design and deliver creative interventions, based on scientific rationales and clinical reasoning, where traditional approaches have not been sufficient for the purpose
10E: 5	use sensitive and persuasive communication skills to motivate, encourage, inspire and lead others in the appropriate implementation of new practices, in a variety of contexts, including: <ul style="list-style-type: none"> • individual management of the patient/client within a multidisciplinary team, • service delivery, • education, and • policy development.
F evaluation and modification The sports physiotherapist demonstrates the ability to:	
10F: 1	make ethical decisions regarding the appropriate integration of new innovations into practice, requiring the analysis of clinical research evidence, ensuring that research evidence supports changes in clinical practice
G specific national standards	
10G: 1	