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## Clinical education: An analysis of clinical reasoning amongst physiotherapy students in Fiji

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Abstract

Background: Clinical reasoning is a complex process that involves the ability to identify, analyze, and solve clinical problems. It is a key component of clinical education and is essential for the development of clinical competence. This study aimed to analyze the clinical reasoning of physiotherapy students in Fiji.

Methods: A descriptive study was conducted involving 100 physiotherapy students from the Fiji National University. The students were asked to complete a clinical reasoning assessment tool that measured their ability to identify, analyze, and solve clinical problems. The assessment tool consisted of 10 scenarios, each with a set of questions designed to assess the student's clinical reasoning skills.

Results: The results of the study showed that the majority of students (85%) were able to identify the problem, 75% were able to analyze the problem, and 65% were able to solve the problem. The most common difficulty was in identifying the problem, followed by analyzing the problem. The least common difficulty was in solving the problem.

Conclusion: The study found that clinical reasoning is a complex process that involves the ability to identify, analyze, and solve clinical problems. It is a key component of clinical education and is essential for the development of clinical competence. The results of the study suggest that clinical reasoning assessment tools can be used to measure the clinical reasoning skills of physiotherapy students.

### Biography

Venasio Ramabuke is currently pursuing his Masters of Education from the University of the South Pacific. He is also a Lecturer for the Physiotherapy program at the College of Medicine, Nursing and Health Sciences-Fiji National University. He has completed his Basic Physiotherapy studies at the Fiji School of Medicine in 2001, before completing his Bachelor's degree in Sport and Exercise Science from the University of the Sunshine Coast, Queensland. He has been working as a Clinical Physiotherapist prior to taking up an academic role.

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