

# Allied health use of integrating Science and Practice (iSAP) for case-based learning: Effectiveness for student learning outcomes, staffing and resource efficiency.

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**Status** RECRUITING  
**Sponsor** Eli Mang Yee Chu  
**Enrollment** 190 participants

## Plain Language Summary

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Case-based learning (CBL) is a teaching method where students work through realistic patient or clinical scenarios to develop their reasoning and practical skills. Traditionally, this happens in class with paper-based cases. A new online platform called iSAP uses multimedia — including videos and interactive cases — to create a more immersive and collaborative learning experience. This study compares student learning outcomes between traditional case-based learning and the iSAP online approach in second-year occupational therapy and physiotherapy students.

Students are assigned to either the iSAP platform or the traditional paper-based CBL format within their regular course units. Researchers measure academic performance, clinical reasoning, student experience, and the cost of delivering each approach. This is a study for health professional students, not patients.

You may be eligible if you are a second-year undergraduate occupational therapy student enrolled in OCC2014 or a physiotherapy student enrolled in PTHY2031. Master's entry-level students and students under 18 or over 60 are not eligible.

## Key Eligibility Criteria

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### Inclusion (1)

- Occupational therapy students and physiotherapy students in 2nd year undergraduate program who enrol in the teaching units selected for the study: OCC2014 and PTHY2031

## Locations (1 total)

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VIC, Australia