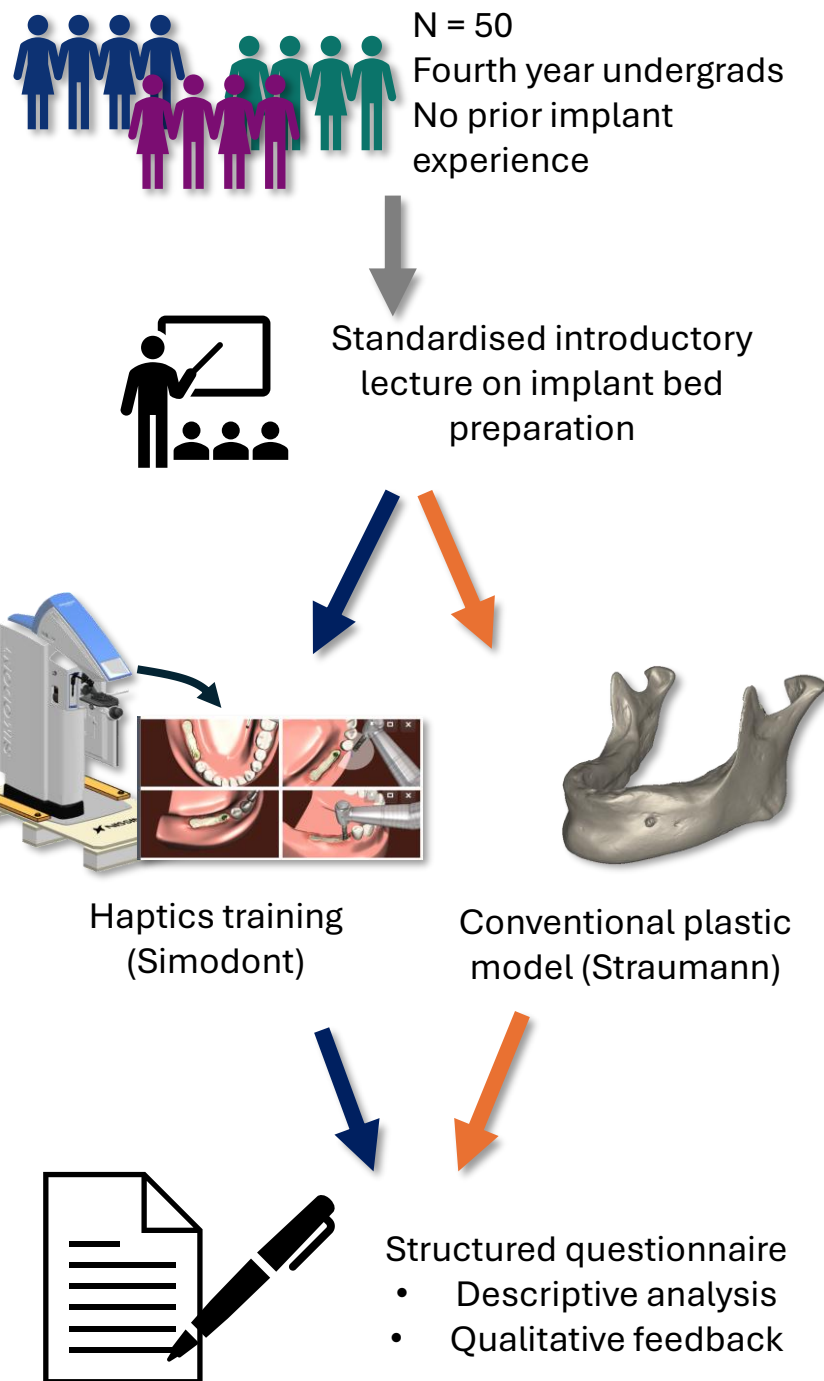


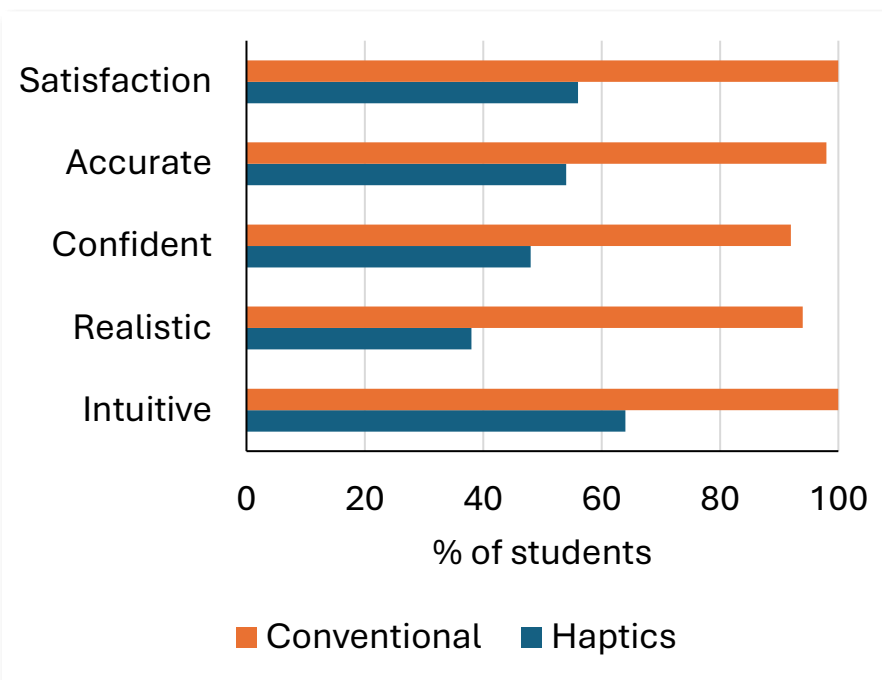
Integrating Haptic Simulation into Dental Implant Surgery Training —Student Perspectives

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Materials & methods



Results



Students rated conventional plastic jaw model as having higher efficacy than haptic stimulation

49 out of 50 students preferred conventional plastic jaw model for early implant preparation

83.3% student preference towards conventional

All undergraduate students were satisfied with a mixed / dual approach implant workshop

Conclusion & Discussion

Conventional

- Early skills acquisition
- Realism
- Tactile feedback
- Better direct visualisation

Blended pre-clinical training

- Enhanced visualisation
 - Viewing angle
 - Preparation angle
 - Transparent model
- System feedback
- Unlimited repeat

Haptics

Improve realism:
+mucosa
+water spray

Include wider range of procedures