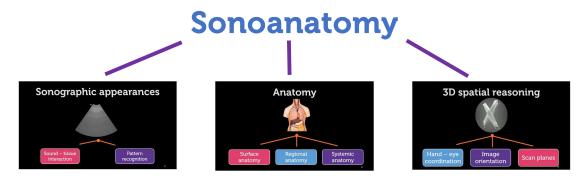


How to teach sonoanatomy

Overview

- Breakdown the elements of teaching sonoanatomy
- Discuss ideas for teaching sonoanatomy
- Demonstrate Zedu's cardiac sonoanatomy teaching session

1) Breakdown sonoanatomy



2) Make learning interactive

- Diaz C, Woolley T (2015) Medical Science Educator; 25:4, *Engaging Multidisciplinary First Year Students to Learn Anatomy Via Stimulating Teaching and Active, Experiential Learning Approaches*
 - using active experiential learning methods such as playdoh construction, whiteboard drawing, singing and dancing and body painting as adjuncts to the wet labs
 - o Results spoke for themselves from 2005 to 2010, the pass rate for the 1st year health science students from both theory and practical from the June and November exams increased from 42% to 79%. The fail rate went from 58% to 19% and the Distinction to High Distinction rate went from 5% to 22%. The enthusiasm and passion of the teacher and the experiential learning activities appeared to lead to deeper learning

3) Ideas for teaching anatomy for ultrasound

- Label the anatomy on a diagram
- Build anatomical puzzles
- Draw the surface anatomy on a mannequin
- Label cross sectional diagrams
- Arrange the sonographic images of the anatomical slices in the correct order
- Draw the view and label the anatomy
- Use 3D anatomical models
- Playdough

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4) Demonstration of playdough practical session for cardiac sonoanatomy



