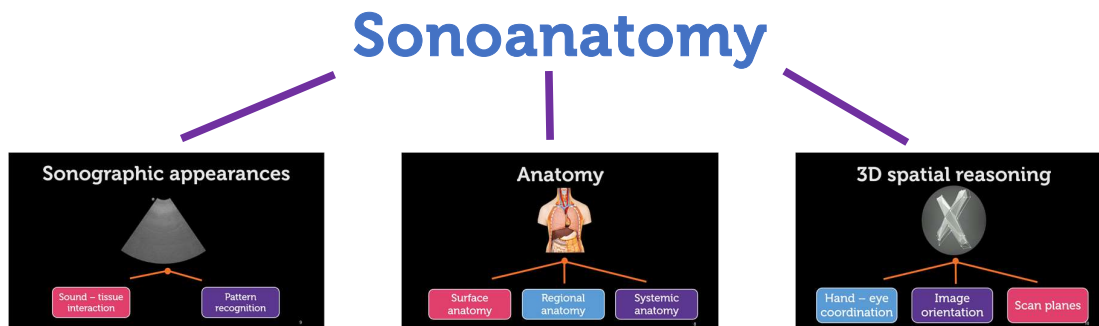


# How to teach sonoanatomy

## 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
  - Results spoke for themselves – from 2005 to 2010, the pass rate for the 1<sup>st</sup> 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

**4) Demonstration of playdough practical session**

