

The teaching task is specifically designed to address the target users who are new to imaging anatomy



Figure 1: A set of 5 objects, placed at different levels, in different orientations and angles, composed of an Ultrasound material

Yezitronix Educational Ultrasound Phantom –

The learning activity draws on the student's ability to visualise common objects in 3D space and to think about what they'd see if they were to slice the objects apart.

We use a variety of toys, of about the same size, that are placed at different levels (planes), in different orientations and angles within the matrix.

The student task is to hold a common object such as a toy car in their hand while they scan and work out the orientation of the object within the gel. This begins the acquisition of the skills of ultrasound beam orientation and object orientation and display on the screen.

Our gel is opaque so that the objects orientation is not discernable/ visible.



Figure 2: Opaque Compound containing the objects



Figure 3: The ultrasound block with a plate underneath, covered with a skin like material



Figure 4: 2 Gorillas, on the left, plastic made black Gorilla. On the right, ultrasound friendly material.

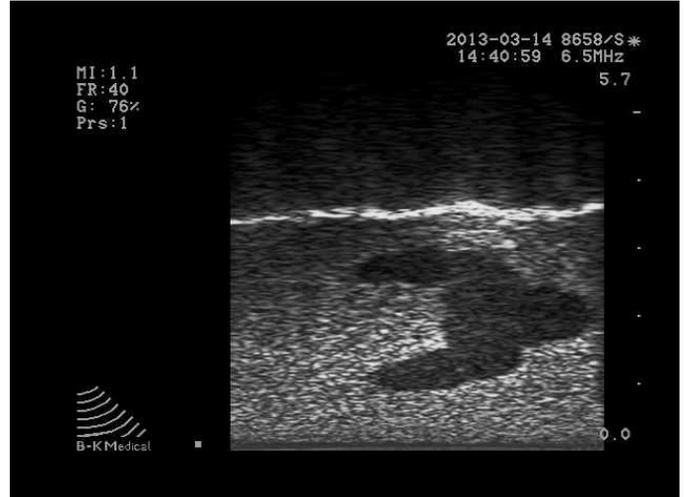


Figure 5: Ultrasound Gorilla - Front view

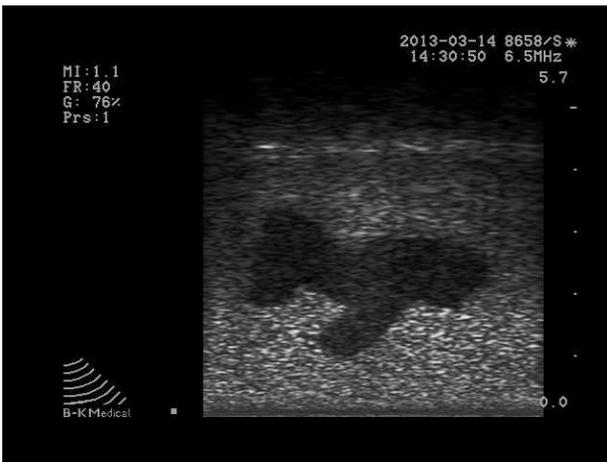


Figure 6: Ultrasound Gorilla - Side view

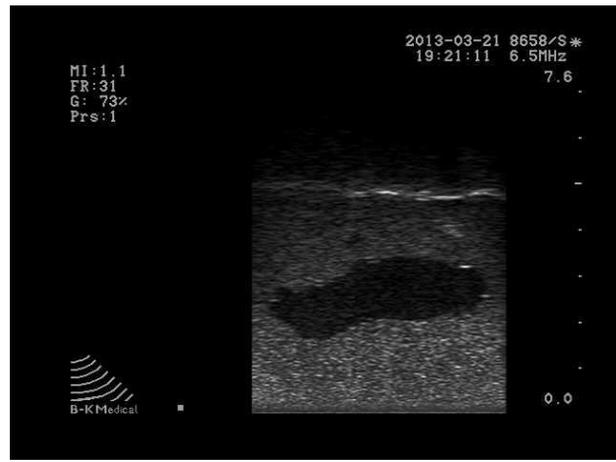


Figure 7: Ultrasound hippopotamus



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