

Figure 1: Thigh model with ALT flap rendered in artificial colours to aid component recognition.



Figure 2: 3D model with rendering of the ALT flap with rectus femoris muscle.

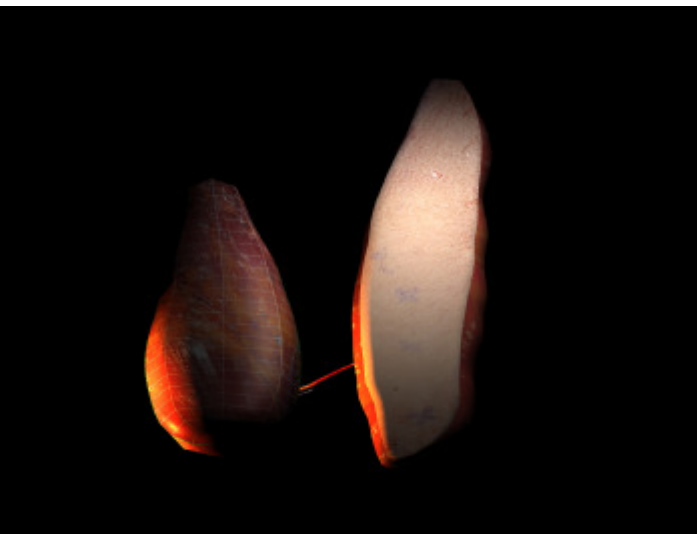


Figure 3: 3D ALT model rotated.

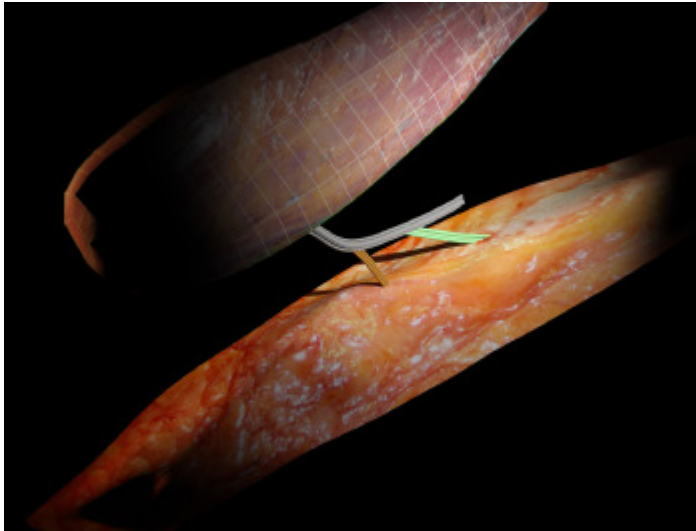


Figure 4: Reverse view of the 3D ALT model, with the vascular system rendered in artificial colours.

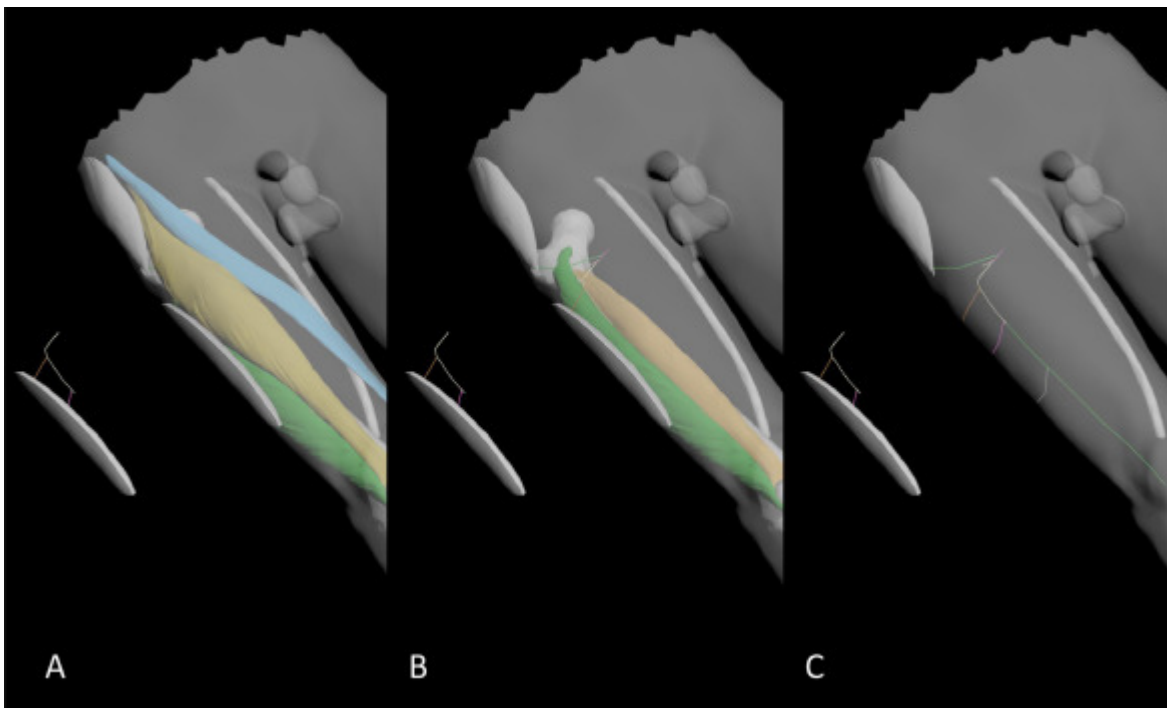
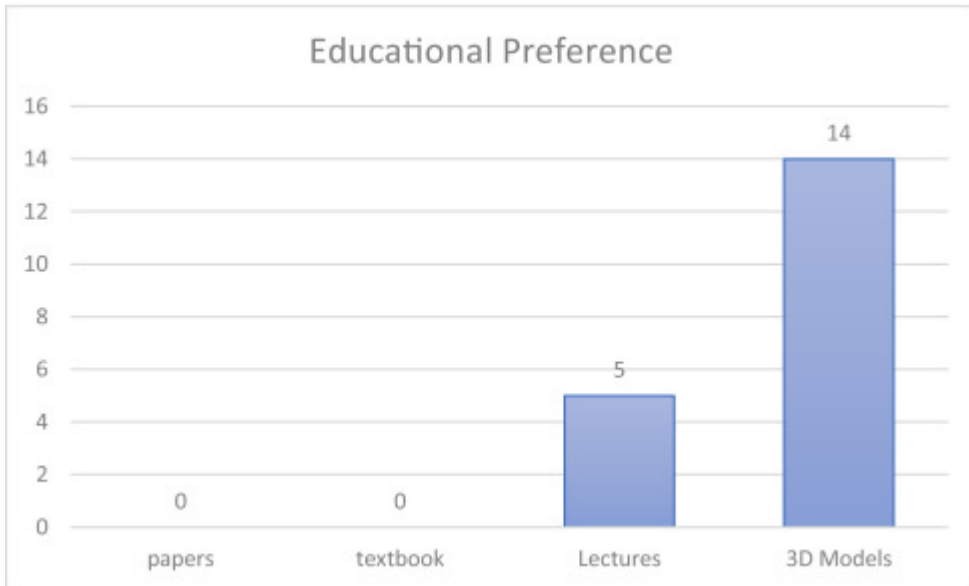
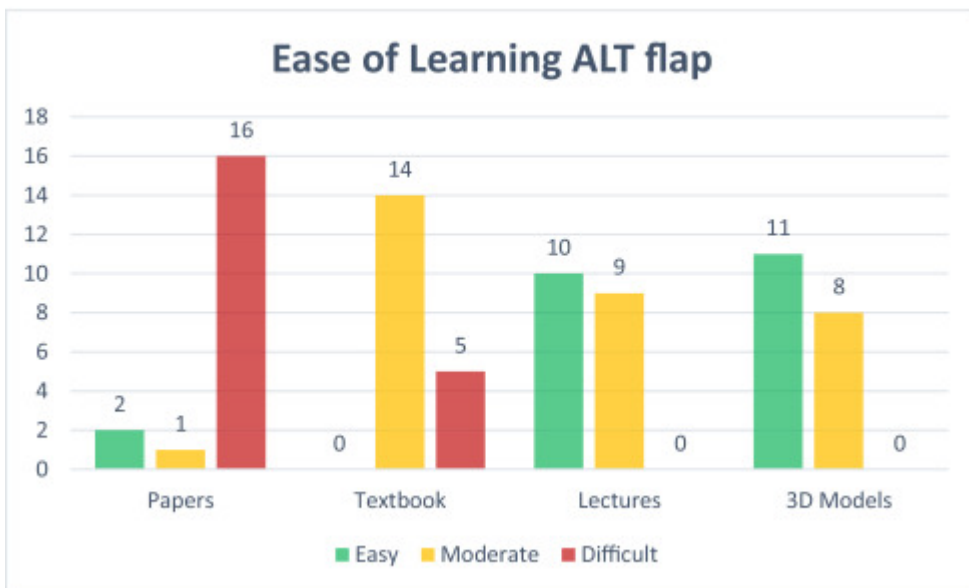


Figure 5: A. 3D model with all muscles in situ B. Removal of sartorius and rectus femoris. In this model, the oblique branch is septocutaneous, whilst two further perforators are musculocutaneous passing through vastus lateralis (coloured as green) C. Removal of all muscle components showing a lateral descending circumflex system with separate components shaded in different colours.



Graph 1 Students' educational preferences.



Graph 2 Rating the 'ease of learning' anatomy with different teaching modalities