

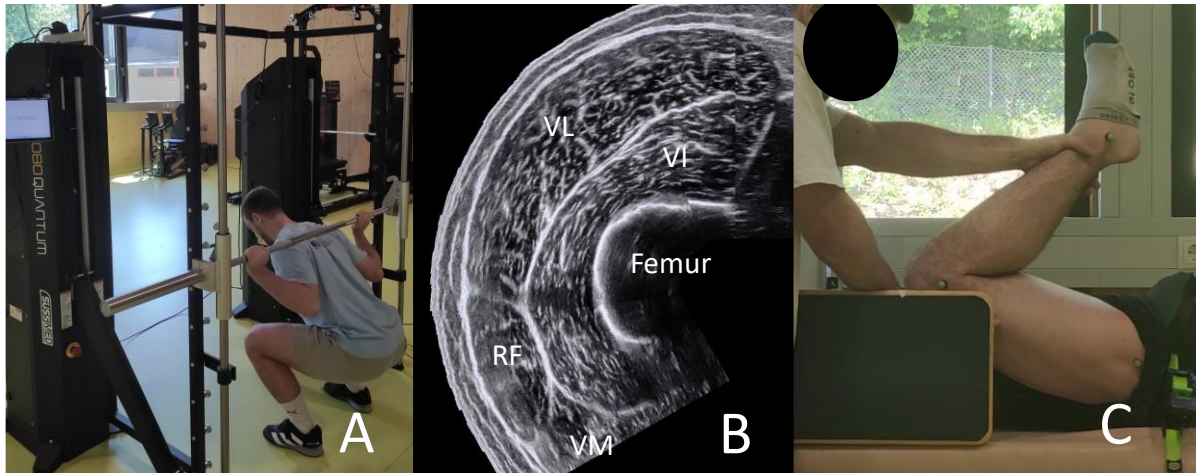


Figure 1: A; Setup of the electrically motorized squat training and testing device. B; Example of an extended field-of-view (EFOV) ultrasound image obtained at 50% of femur length showing the vastus lateralis and rectus femoris. C; Example of the adapted passive knee flexion ROM test using 2D motion analysis.