Effect of blood on collagen signal 12.5 260nm 260nm 1250 320nm 10.0 320nm Peak fluorescent signal/Arb. Fluorescent peak shift/nm 365nm 365nm 1000 480nm 7.5 480nm 750 5.0 2.5 500 0.0 250 -2.5 0 0 0 Blood volume multiplier/# Blood volume multiplier/# Normalised Fluorescent signal/Arb. 1.0 Blood volume multiplier for λ =365nm Flurophore Peak 0.0 0.8 0.5 1.0 0.6 2.0 0.4 450 350 400 500 550 600 300 650 Wavelength/nm