Effect of blood on collagen signal 80 d) Peak fluorescent signal/Arb. e) 260nm Fluorescent peak shift/nm 1250 320nm 60 1000 365nm 480nm 750 40 260nm 500 320nm 20 365nm 250 480nm 0 0 1.5 0.5 1.0 0.5 1.0 1.5 0.0 2.0 0.0 2.0 Blood volume multiplier/# Normalised Fluorescent signal/Arb. Blood volume multiplier/# 1.0 -Blood volume for $\lambda = 365$ nm Flurophore Peak 0.8 0.0 0.6 0.5 1.0 0.4 2.0 0.2 0.0 350 450 400 500 550 600 300 650 Wavelength/nm