

FIGURE 8-12 Using the AOM to modulate the percentage transmission of laser pulses and ROI scanning. (A), (B), and (C) show the same field imaged using 20%, 35% and 56% transmission of the laser pulses. (D) and (E) illustrate the use of ROI scanning to scan only the regions indicated by the colored rectangles. (M. Dickinson, unpublished observations.)

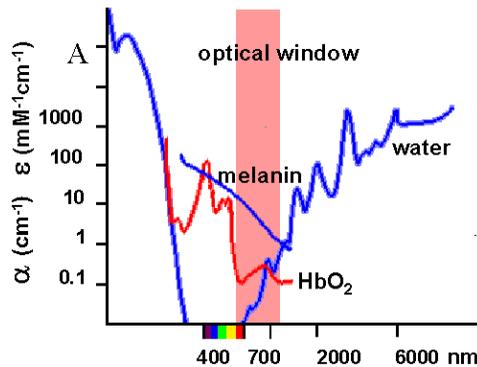


FIGURE 9-1 Absorption spectra of the cellular absorbers water, melanin, and hemoglobin. The range of low absorption and low scattering is from about 600 nm up to 1200 nm (optical window). At higher NIR wavelengths, linear absorption of water increases, and may induce destructive linear heating effects.