

Wide-field polarimetric properties of surgical specimens

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Recent work to image polarization information from human tissue specimens will be presented, including benchtop polarimetry, as well as endoscopic and surgical microscopy. Current applications are also combining polarization and multispectral reflectance data, and results will be presented from a series of neurosurgery patients. Further evaluation of the potential for soft tissue discrimination will be shown in porcine and human cadaveric samples.