

## Update on Lasers and Energy-Based Devices with Histologic Correlations

Lasers and energy-based devices (EBD) are increasingly popular for various skin conditions. Selecting safe and effective lasers/EBD treatment for each indication requires thorough understanding of laser-tissue interaction. Histology is the ideal tool for visualizing skin response to external stimuli. This lecture will review the histologic findings of skin after treatment with established devices and emerging laser modalities (including micro-coring, 2,910-nm fiber laser, thermomechanical skin treatment, and 1,726-nm laser), appropriate clinical endpoints, and indications for each device.