

## Title: Laser treatment for various vascular lesions in the skin

Jung-Im Na

Department of Dermatology, Seoul National University Bundang Hospital, Seongnam, Korea

Infantile hemangiomas (IH) and port-wine stains (PWS) are common vascular lesions involving the pediatric population. IH regress spontaneously; however, up to 70% of IH leave undesirable cutaneous changes, including scars, fibrofatty tissue, skin atrophy, and redundant skin. PWS are progressive vascular malformations with significant disfigurement and psychosocial morbidity. Early light-based treatment has shown improved outcomes in the pediatric population. For both IH and PWS, pulsed dye laser treatment is effective and safe. This talk will provide information about the laser parameters, treatment intervals, combined medical treatment, and various tips for pulsed-dye laser treatment for IH and PWS.