



PIGMENTATION

# HOW TO MEASURE RESPONSE TO VITILIGO SURGERY

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Vitiligo surgery is performed in many centers around the world. Accurately determining improvement with vitiligo surgery is essential to compare treatments and gauge efficacy. This lecture will review the following aspects of measuring response to vitiligo surgery: Many outcome measures have been used to evaluate vitiligo lesions undergoing surgery Subjective investigator reported outcome measures include investigator global assessment, percent improvement with a 4 or 5-point grading scale, Vitiligo Area Scoring Index (VASI) and Vitiligo Extent Score for all lesions (VES) as well as target lesions (VESTA) Patient reported outcome measures include the patient global assessment, Self-Assessment Vitiligo Extent Score (SA-VES), Vitiligo Noticeability Scale (VNS), Vitiligo quality of life score (Vitiqol) and Vitiligo Impact Patient Scale (VIPs) Objective outcome measures include the point counting method and computer planimetry Selection of an outcome measure depends on multiple factors, including aim and hypothesis of study, resources, duration of follow up, presence of controls, concomitant treatments and clinical setting

References: Mrigpuri S, et al, J Euro Assoc Dermatol Venereol 2019; 33:185-190  
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Tovar-Garza A, et al, J Am Acad Dermatol 2019; 80:1152-1154

