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Objective Assessment of Acne

Markus Becker MD, Thomas Wild MD, Christos C Zouboulis MD, PhD

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Authors and affiliations
Markus Becker, MD¹, Thomas Wild, MD¹, Christos C Zouboulis, MD, PhD¹

¹ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Auenweg 38, 06847 Dessau, Germany

Corresponding author
Markus Becker¹

¹ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Auenweg 38, 06847 Dessau, Germany

Emails:  Markus Becker: markus.becker@klinikum-dessau.de
Thomas Wild: thomas.wild@klinikum-dessau.de
Christos C. Zouboulis: christos.zouboulis@klinikum-dessau.de

Abstract
A precise and reliable assessment of acne severity is unarguably the most essential clinical method, when it comes to monitoring and choosing optimal treatment in the daily practice. Since the early 1960’s, different severity assessment systems have been described in the literature. The two commonly used concepts are global gradings and lesion counting. Both systems have been controversially discussed as to which is more reliable and providing an objective outcome measurement tool; however, both have some subjectivity involved. More objective methods for assessing the severity of acne vulgaris include photography, fluorescence photography, polarized light photography, video microscopy, and multispectral imaging; Such techniques have limitations involving high cost, complex and sophisticated apparatuses, and a sometimes time consuming imaging process. There are newly developed technologies that could avoid the problems of inter- and intra-rater subjectivity.
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