

Overcoming Challenges in 3D Scanner Validation for Orthotics and Prosthetics

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Abstract

Comparing 3D scanners is challenging due to inconsistent metrics that often fail to reflect their practical utility in clinical settings.

This presentation addresses these issues and outlines methods for validation, including circumferential measurements, comparisons to a high-accuracy 'gold' scan, and quick metrics using a custom object. We also evaluate scanner performance on various clinical devices to ensure both accuracy and precision in orthotics and prosthetics applications.

* <https://qwadra.com/>