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Precise Implant Capture (PIC) and full-arch restoration

Gonçalo Castilho

CESPU University, Portugal

The success of an implant supported complete-arch prostheses depends on passive fit and avoiding the biological and technical failures associated with a compromised fit. Conventional impressions and digital intraoral scanning still have some problems that may influence accuracy. Stereo photogrammetry has recently been investigated showing high accuracy in complete implant

supported cases. The PICcamera® (PICdental, Madrid, Spain) is a stereo camera that records implant positions in the mouth by means of photogrammetry. It comprises two CCD cameras specially designed and optimized for clinical use, which accurately determine the position of the implants by means of the identification of abutments screwed on implants with unique individual coding.

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