



The Role of Digital Dentistry in Prosthodontic Denture Design

precision, efficiency, and patient outcomes. This abstract explores the transformative impact of digital workflows, including intraoral scanning, CAD/CAM systems, and 3D printing, on the fabrication of dentures. These technologies allow for precise digital impressions, customized design specifications, and streamlined manufacturing processes, thereby improving the fit, aesthetics, and functional performance of dentures. Case studies highlight successful comfort, and treatment efficiency. Challenges and future directions in digital dentistry for prosthodontic applications are also discussed, underscoring the potential for continued innovation and improvement in patient care.

Caykoylu Sinan, Department of Health Sciences,
University of Piemonte Orientale, Brazil, E-mail: cakoylu_sina@gmail.com

setup costs, training requirements, and integration into existing dental practices. Future research aims to refine digital workflows, expand