

# Digital Dentistry : Facts, doubts and perspectives

**Pr. Jaafar Mouhyi DDS, PhD**

DDS, Free University of Brussels (ULB) 1990 & Master, Periodontology 1994 ;  
PhD, ULB (International Research collaboration, Goteborg University) 1999

*Director, Casablanca Oral Rehabilitation Training & Education Center, CORTEC, Morocco*

*Head of the Biomaterials Research department, International University of Agadir (Universiapolis), Agadir Morocco.*

*President of the Digital Dentistry Society DDS*

*Scientific Board of Chancellors. Clean Implant Foundation, Germany*

*International Board Member of SENAME (South Europ, North African Middle East. Implantology and Modern dentistry Asso.)*

*Editorial Board member, Reviewer, Clinical Implant Dentistry & Related Research, Journal Of Dentistry & African Dental Journal*

## ***ABSTRACT***

Dentistry is in the process of making a real change from analogical to digital. Since the advent of the digital, we have lived through a transition phase, which is still going on in certain specialties and where the workflow remains a mixture of confirmed analogical procedures and still evolving digital innovations. Today, with the rapid evolution of processes and products, we are able to fully digitally control certain clinical acts. Nevertheless, a number of parameters are still not really well documented and scientifically verified. Unfortunately, we have to admit that R&D corporate structures are running the game while scientific experts are hardly working to follow by initiating numerous studies to verify and control the real benefits of those constant innovations. Digital tools are no doubt a key way to make our profession more accurate, predictable, and less operator dependent. However, these new technologies require huge efforts from dental teams. Augmented and virtual reality, together with artificial intelligence will somehow help to facilitate the procedures but still... Every new technology revolution needs time to build its experts. Today, there is a dramatic lack of teachers in the field of digital dentistry in universities and in private education.