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Mohamed Adel Al-alem

University of Naples Federico II, Italy

3DSD laser guided crown lengthening

In today's world of technological digital dentistry, many efforts are done so that the esthetic cases are planned and executed in predictable ways. In this case, 3 Dimensional smile design using face scans, intra oral scans was done to the patient to do proper analysis of the existing dentogingival situation, also merging with CBCT data gave us the accurate soft tissue & bone levels with lip roll technique, then 3D waxup was done to the new desired gingival heights and 3D printing of the model from which a crown lengthening guide was fabricated to assist the Laser osseous & soft tissue crown lengthening procedure which helped produce with accuracy the digital design of hard and soft tissue architecture in the patient's mouth. Finally, preparation was done using the mockup as guide and final delivery of esthetic pleasing accurate and true to design smile.

Biography

Mohamed Adel Al-alem is a prominent name in Dental Care and Oral Health in Egypt his native country, and many other countries such as Emirates, Tunisia, Italy, Korea and the Gulf Area. He has started his career with all love and dedication with a great commitment to work till the last moment in his life, on delivering the latest research knowledge of dental technology to all over the world. He has a highly respected international reputation, qualified him to participate in the international conferences and seminars. In 2008, he opened Al Alem Dental Center after graduating from the Faculty of Dentistry Ain Sharns University in 2007. He focused his entire career on Cosmetic Dentistry and working on a DSO Master's from DSD (Digital Smile Design). He joined the International Dentistry community by getting membership in the American Academy of Cosmetic Dentistry (AACD), also became a Member in The International Congress of Oral Implantologists (ICO1), SEN-AME and ADA. Recently, he employed at University of Naples Federico II, working as part of its doctors in the position of "Director of advanced implant diploma" to approve the exam's result of implant diploma in the university and also to review the cases. Last but not least by the end of 2016 he will get the fellowship degree from RWTH Aachen University in Germany.

info@al-alem.com