



DSD Concept: The Digital Dentistry Revolution

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Abstract:

Aim: is to define and to present the newest concept in Digital Aesthetic Dentistry: “The DSD Concept” followed by the CAD CAM system, to illustrate its various components and to treat the different steps of the digital workflow, involving the patient in the Digital Smile Design of his smile, in order to obtain an ideal aesthetic smile which give him the feeling of full satisfaction.

Introducion: The smile is one of the most attractive facial expressions, it is known as a nonverbal parameter of communication expressing joy. An attractive smile is described as an important tool to influence people; it affects the psychosocial well-being of the individual as well as his behavior, character traits and gives him high self-esteem.

Problem: Patients are mainly unsatisfied due to unpredictable result of the restorations in the traditional dentistry.

Solution: The evolution of Digital Dentistry offers the opportunity to use many technologies such as: Intra-Oral Scan, Computer Added Design/Computer Added Manufacture (CAD/CAM) systems and the Digital Smile Design (DSD) concept. These innovations are able to give excellent, accurate and aesthetic results with more comfortable experience for the patient and more efficient team workflow.

The DSD concept is a multi-use conceptual dental treatment planning tool that is used in aesthetic dentistry, which allowsto design a smile digitally. By following simple steps, we are able to evaluate the different parameters



of the teeth. This concept allowsto strengthen diagnostic vision, to improvecommunication, to enhance predictability throughout the treatment and to establish a multidisciplinary approach for an aesthetic challenge.

Biography:

Hanadi Kassab is the owner of Digital Dental Clinic and Lab in Tripoli, Lebanon. She has completed her BS from Antonin University. She has a Master’s degree in Digital Smile Design and Business Administration (MBA). She is a CAD/CAM Trainer in Dentsply Sirona Co. She is a ceramic and dental material instructor and she holds a Certificate in Dental Photography. She is the member of International DSD Community.

Publication of speakers:

1. Hanadi Kassab, 3D printing of ceramics and polymers, <https://www.researchgate.net/project/3D-printing-of-ceramics-and-polymers>

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