

28th Annual

American Dentistry Congress

March 20-22, 2017 Orlando, USA

HIPAA and technology: The survival guide

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Dental practices are struggling to understand, implement and support the expectations of the Office of Civil Rights technological regulations. This is due in part to both a lack in education and economical solutions available. As a result, Protected Health Information (PHI) is not being electronically secured, stored or transmitted in accordance with HIPAA regulations. This course will provide background on how HIPAA and EHR will help shape the landscape of the Dental Industry as well as understanding the conceptual and practical aspects of designing, implementing, deploying and maintaining a secure environment for ePHI, HIPAA and Dental Technologies. The objectives from taking course are: To understand how to educate staff on HIPAA requirements and expectations and the steps to take to protect patient's Protected Health Information (PHI); walk away with an overview on how HIPAA and technology can actually improve your business; implement technological procedures and safeguards to address all applicable HIPAA requirements of securing the PHI of patients and complete a technical risk assessment within the organization to identify and address vulnerabilities.

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Innovative approaches in normalization of occlusal plane

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The goal of our study was to develop methods of orthodontic treatment of patients with problems in the TMJ area, as well as leveling of the occlusal plane in partially edentulous patients with missing posterior teeth. The lack of tooth support limits of orthodontic treatment occlusal plane for the further successful prosthetic rehabilitation, it is therefore necessary to find innovative approaches of treatment without active patient compliance with treatment regimens. Several cases were referred by the other orthodontists for finding solutions after few years' orthodontic treatments. Other patients were referred by the prosthodontists for potential preservation of misplaced teeth and correction of occlusal plane for further prosthetic treatment. In some cases, it was not possible to use bracket systems without additional support. Introduction of Microimplants in the practice of an orthodontist and knowledge of biomechanics of movements helped to solve these problems. As a result, the use of Microimplants as a skeletal anchorage and partner relationship with osteopathy's support the clinician can obtain results similar to surgery, but without it, and with lower risks and cost, especially in cases with TMJ problems. Using Microimplants as a skeletal anchorage instead of missing posterior teeth let us correct the horizontal occlusal plane; to align some teeth resulted in correction of the vertical and transverse occlusal plane. In cases of alignment of the orbital plane in space of the skull, the use of Microimplants for intrusion of the teeth has limited indications. Prosthodontists have now an opportunity to perform right prosthetic treatment, use more implants and at the same time preserve more teeth, correct masticatory functions and TMJ problems, and improve the smile without surgery in a lot of cases.

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