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## Corticotomy Assisted Orthodontic Treatment

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Dentistry always comes up with wonders when different specialties work hand in hand. Periodontally accelerated osteogenic orthodontics or corticotomy assisted orthodontics is one such wonderful treatment modality which helps in reducing the treatment time by relieving patients of their tedious orthodontic appointments. The technique combines buccal and lingual flap decortications of the bone together with particulate bone grafting and fixed orthodontic treatment. The desired result is obtained within about one third the time needed for conventional technique. The chances of root resorption and relapse had also been found to be reduced with this novel technique. The lecture highlights the importance of the underlying Regionally Accelerated Phenomenon and the Periodontal Surgical technique as well as various indications, contraindications, merits and demerits of the technique in an evidence-based context.

### Biography:

Basma Al Maghlouth is a Consultant in Orthodontics, Head of Orthodontic Department at the Dammam Specialized Dental Center, Dammam Medical Tower, Ministry of Health, Dammam, Kingdom of Saudi Arabia. She is a Bachelor of Dental Surgery graduate from the College of Dentistry, King Saud University, Riyadh, Saudi Arabia. She also obtained a Master's Degree in Dentistry and Clinical Certificate in Orthodontics in the same university. She is the Head of the Curriculum Committee of the Saudi Board of Orthodontics of the Saudi Commission for Health Specialties. She is also the Program Director of the Saudi Orthodontic Program in the Eastern Province, a member of the Consultant Evaluation Committee and Accreditation Committee also under the Saudi Board of Orthodontics.