

## Orthodontic Diagnosis and Treatment Planning

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The comprehensive orthodontic diagnosis is considered the most important step in planning the orthodontic treatment. Accurate diagnosis and identification of all dento-facial abnormalities along with proper estimation of the patient chief concern, motivation and expectations is mandatory before starting the orthodontic treatment plan. Planning the orthodontic treatment always start with series of questions in which each question leads to another. And the answers for these questions would be the main items of the treatment plan. For every question to be answered there are many factors to be considered and many variables to be evaluated. Any pathological problems (systemic or local) must be outlined clearly before starting planning for treatment of any developmental problems. Pathological problems may necessitate consultation from the physician or other dental specialist; this may alter the orthodontic treatment plan, modify, postpone or even contraindicate it. The first question must be: should I treat this patient? To answer this question the need, demand for treatment and also the benefits and risks of orthodontic treatment for this specific patient should be thoroughly investigated. The second question about the perfect timing for treatment and to answer this question the clinician should be totally aware about the essentials of growth and development of dento-facial complex and dental occlusion and the etiology and sequel of different malocclusions. Other questions considering the path of treatment (Interceptive treatment - growth modification – orthodontic camouflage – orthognathic surgery ), the need for extraction or not, the choice of teeth to be extracted, anchorage demand, type of orthodontic appliances and the mechanics to be used should be properly selected. Also the retention protocol and appliances should be addressed from the first day.

### Biography:

Omar Yousry Mostafa completed Bds, Msc Orthodontics in Cairo university. He currently works as an Assistant Lecturer at orthodontic department, Cairo University and Owner of multi-branch orthodontic clinic in Cairo.