

TREATMENT PLAN A SEQUENTIAL ANALYSIS: reconstruction with dental implants has changed considerably. Therefore, the selection of imaging technique is already part of radiation protection measures. final treatment considerations

PATIENT SELECTION: ORAL AND SYSTEMIC CONSIDERATIONS The bone and soft tissue response following endosseous dental implant placement is controlled by wound healing factors, biomechanics, and mineral metabolism. Due to the complexity of the tissue response, osseointegration and maintenance of endosseous dental implants may be influenced by many factors including age, diet, drugs, systemic disease, and oral disease. Rather than merely focusing on the tooth or teeth to be replaced, today's implant practitioner considers a broad and complex set of interwoven factors before formulating a treatment plan.[6]

RADIOGRAPHIC ASSESSMENT: DECISION-MAKING CRITERIA An acceptable clinical examination and an appropriate radiographic examination are mandatory before every implant surgery. Diagnostic imaging and techniques help develop and implement a cohesive and comprehensive implant treatment plan.[7] The purpose of implant imaging is to provide accurate and reliable diagnostic information on the patient's anatomy at the proposed implant sites. The treatment planning phase is divided into three stages.[4]

[1. initial consultation 2. joint treatment planning 3. [8