Preimplant Treatment Assessment Calculator.

The Risk Index helps determine restorative outcome and can be used to advise the patient during the planning stages of treatment. The PDF form should be printed and retained in the patient's records.

Assessment Parameter	SCORE	Low (score 1)	Medium (score 2)	High (score 3)
GENERAL FACTORS				
Medical status		Healthy patient	Reduced immune system	Systemic illness, diabetes
Smoking /Alcohol consumption		Non-smoker, minimal alcohol consumption	Light (<10 cig/d), or previous smoker light drinker	Light (>10 cig/d), and or heavy drinker
Smile line		Low- no gingival tissue exposed	Medium- slight gingival exposure, limited to anterior region	High-gingival smile, extends to molar region
History of the site, reason for tooth loss, trauma, infection, failed RCF, split root		Resent tooth loss, < 6 months no history of trauma. No retained roots or site contamination.	Tooth loss within 2 years, minimal trauma during extraction.	Tooth missing several years, history of trauma, surgical, procedures, severe infection
Patient Expectations		Primarily concerned with function, with aesthetics secondary	Balanced aesthetic and functional requirements	Primarily driven by cosmetic concerns
DENTAL FACTORS				
Anatomy		No anatomical or vital structures in vicinity	Slight risk to vital structures, mental canal, nasal cavity. Risk of cortical plate perforation.	Pneumatised Sinuses Sever lingual under cut. IDN <10mm beneath ridge crest
Occlusion		Intact occlusion, minimal or no tooth wear	Slight tooth wear, guidance intact	Severe wear, mutilated occlusion, bruxist, mandibular deviation, TMJ dysfunction
Tooth Alignment		Teeth regular, centre lines coincident, no cross bite	Uneven teeth slight crowding, slight root angulations	Severe crowding, teeth tilted and severe angulations present
Condition of Dentition		< 4 teeth missing few/small restorations	>4 teeth missing multiple/large restorations/RCF	Edentulous or heavily restored teeth, poor quality RCF
Inter-arch Space		>12mm	>7mm and <12mm	< 7mm
Site History		No previous implant placement or site augmentation	Previous graft with particulate materials or failed implants	Block grafts sinus augmentation and multiple implant failures
Periodontal Status		Healthy Periodontium, no history of disease	Moderate Periodontal disease maintained and stable	Advanced Periodontal disease, bone loss, teeth mobile 2 and 3.
Bone Quantity		Adequate bone width and depth sufficient to allow a 2mm bone border around implant	Reduce bone width and or depth < 2mm implant bone border	Sever bone loss, height <10mm, width <4mm
Augmentation Requirements		None or Particulate synthetic grafts.	Intra oral harvesting, symphyseal, ramus graft, closed sinus lift	Extra oral, hip graft, open sinus lift
IMPLANT SPACIFIC				
Implant Number		1 (single)	<4 (bridge 3 to 5 units) or overdenture	>4 (full arch restoration)
Implant Position		Anterior teeth	Canines and 1st Premolars	2nd Premolars and Molars
Placement Protocol		Delayed	Para immediate	Immediate
Loading Protocol		Delayed, bone level placement	Tissue level placement	Immediate loading

Treatment Risk Index (R)

R1 18 to 24	**R2** 25 to 42	**R3** 43 to 54
Restorative outcome predictable, overall prognosis excellent. Treatment should be uneventful with few complications. Can be undertaken by a novice under supervision. Or practitioner who have treated ten supervised cases or more.	Restorative outcome less predictable with possible occasional slight complications, expect slight delays incompletion. Treatment requires an experience practitioner 50+ implants placed. Warn patient. .	Restorative outcome unpredictable expect complications and treatment delays. The treatment plan may need to be revised during treatment. Consider alternative or referral as requires advanced competencies.