

Aesthetic Risk Assessment Table

This checklist is used to evaluate preoperative risk assessment for optimal esthetic outcomes during implant therapy in the esthetic zone.

For further information on how to use this table, please refer to ITI Treatment Guide Vol.10*

Esthetic risk factor	Low	Medium	High
Medical Status	Health, uneventful healing		Compromised healing
Smoking habit	Non-smoker	Light smoker (≤10 cigs/day)	Heavy smoker (> 10 cigs/day)
Gingival display at full smile	Low	Medium	High
Width of edentulous span	1 tooth (≥ 7 mm) ¹ 1 tooth (≥ 6 mm) ²	1 tooth (< 7 mm) ¹ 1 tooth (< 6 mm) ²	2 teeth or more
Shape of tooth crowns	Rectangular		Triangular
Restorative status of neighboring teeth	Virgin		Restored
Gingival phenotype	Low-scalloped, thick	Medium-scalloped, medium-thick	High-scalloped, thin
Infection at implant site	None	Chronic	Acute
Soft-tissue anatomy	Soft-tissue intact		Soft-tissue defects
Bone level at adjacent teeth	≤ 5 mm to contact point	5.5 to 6.5 mm to contact point	≥ 7 mm to contact point
Facial bone-wall phenotype*	Thick-wall phenotype ≥ 1 mm thickness		Thick-wall phenotype < 1 mm thickness
Bone anatomy of alveolar crest	No bone deficiency	Horizontal bone deficiency	Vertical bone deficiency
Patient's esthetic expectations	Realistic expectations		Unrealistic expectations

* If three-dimensional imaging is available with tooth in place

¹ Standard-diameter implant, regular connection

² Narrow-diameter implant, narrow connection

* This Checklist is taken from: W. Martin, V. Chappuis, D. Morton, D. Buser. Preoperative risk assessment and treatment planning for optimal esthetic outcomes. ITI Treatment Guide, Vol. 10: Chapter 3; Pg. 30. Quintessence Publishing: Berlin; 2017

