

Risk calculator

How to use this Scoring System:

This scoring system is to be used to triage potential surgical cases during COVID-19 and has three sections.

1. **Facility Readiness-Pandemic Score**-to be completed weekly/monthly by designated hospital team to create the Adjusted Facility Scale.
2. **Adjusted Facility Scale**-guideline for proceeding to surgery based on individual patient risk assessment
3. **Individual patient risk assessment**-score based on patient, disease, and procedure factors

1. Facility Readiness – Pandemic Score

(To be calculated weekly/monthly by designated hospital team)

		1	3	5
1	Community COVID-19 numbers	Decreasing over 2/52	Plateau over 2/52	Increasing over 2/52
2	COVID Test Turn-around time	<48 hours	2 – 3 days	>3 days
3	Reallocation of Hospital Beds and Staff for COVID	Minimal/no reallocation	Significant reallocation	Majority of beds/staff reallocated
4	PPE	Adequate supplies	Rationed	Limited or uncertain availability

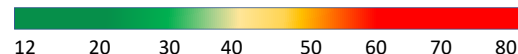
Pandemic Score: ____ /20

2. Adjusted Facility Scale Using Pandemic Score (PS)

PS Score >15



PS Score 10 - 15



PS Score 4 - 9



2. Individual Patient Risk Assessment Score

Patient Factors: Total ____ /30

		1	3	5	10
1	Age	<40	41-60	61-70	>70
2	Diabetes	None	Yes, well controlled	Poorly controlled	
3	BMI	<30	31-40	>40	
4	ASA Category	1-2 (Well/Mild systemic disease)	3 (Severe systemic disease)	4 (Systemic disease - threat to life)	
5	Functional capacity (Metabolic equivalents)	Engages in strenuous sporting activity (METS 10)	Climbs 2 flights of stairs/can jog (METS 4-9)	Walks on flat, light housework (METS <4)	

Disease Factors: Total ____ /30

		1	5	10
1	Non operative Mx	Not available	Available, poorer outcome	Available, similar outcome
2	2-week delay (impact on outcome)	Significant	Moderate	Minimal
3	3-month delay (impact on outcome)	Significant	Moderately	Minimal

Procedure Factors: Total: ____ /20

		1	3	5
1	Operating Time	< 60 mins	61 – 180mins	>180mins
2	Expected Post op care	General Ward	High Care Unit	Planned ICU post op
3	Type of Anaesthetic	Local/Regional	Possible GA	Planned GA
4	Ext length of Stay	<24 hrs	1 – 3 days	>4 days

Total Score: (12-80)