

	p Possum available online	https://www.vasgbi.com/riskscores.php
	score	
Age	<60	1
Cardiac status	Cardiac drugs or steroids	2
Resp status	Dyspnoea on exertion or mild	2
Systolic BP	131-170	2
Pulse	81-100	2
GCS	fifteen	1
WCC	10.1-20	2
Hb	13-16	1
Na	>136.0	1
K	3.5-5.0	1
Urea	<7.5	1
ECG	Normal	1
Operative Severity	Major+	8
Multiple procedures	One	1
Total Blood loss(ml)	>1000	8
Peritoneal soiling	None	1
Presence of malignancy	None	1
Mode of surgery	Elective	1
PS		17
OS		20
x		-2.9472
MORTALITY RISK		0.04986901434
LN(R/(1-R)) =		-2.9472

Table 1. The V-POSSUM physiological score

Variable	One	Two	Four	Eight
Age (years)	<60	61-70	>71	—
Cardiac status	Normal	Cardiac drugs or steroids	Oedema, warfarin, borderline cardiomegaly	Increased JVP, cardiomegaly
Respiratory status	Normal	Dyspnoea on exertion; mild COPD	Limiting dyspnoea (one flight); moderate COPD	Dyspnoea at rest (RR > 30/min)
Systolic BP (mmHg)	110-130	131-170	>170	<90
Pulse (b.p.m)	50-80	81-100	101-120	>120
Glasgow coma score	15	12-14	9-11	<9
Haemoglobin (g/100 mL)	13-16	11.5-12.9	10.0-11.4	<10.0
White cell count (x10 ¹²)	4-10	10.1-20.0	>20.0	>18.0
Urea (mmol/L)	<7.5	7.5-10.0	10.1-15.0	>15.0
Sodium (mmol/L)	>136	131-135	126-130	<126
Potassium (mmol/L)	3.5-5.0	3.2-3.4	2.9-3.1	<2.9
Electrocardiogram	Normal	—	Atrial fibrillation (rate 60-90)	Any other abnormality

BP, blood pressure; COPD, chronic obstructive pulmonary disease; JVP, jugular venous pressure; POSSUM, Physiological and Operative Severity Score for the Enumeration of Mortality and Morbidity; RR, respiration rate; —, not applicable.

Table 2. The V-POSSUM operative severity score

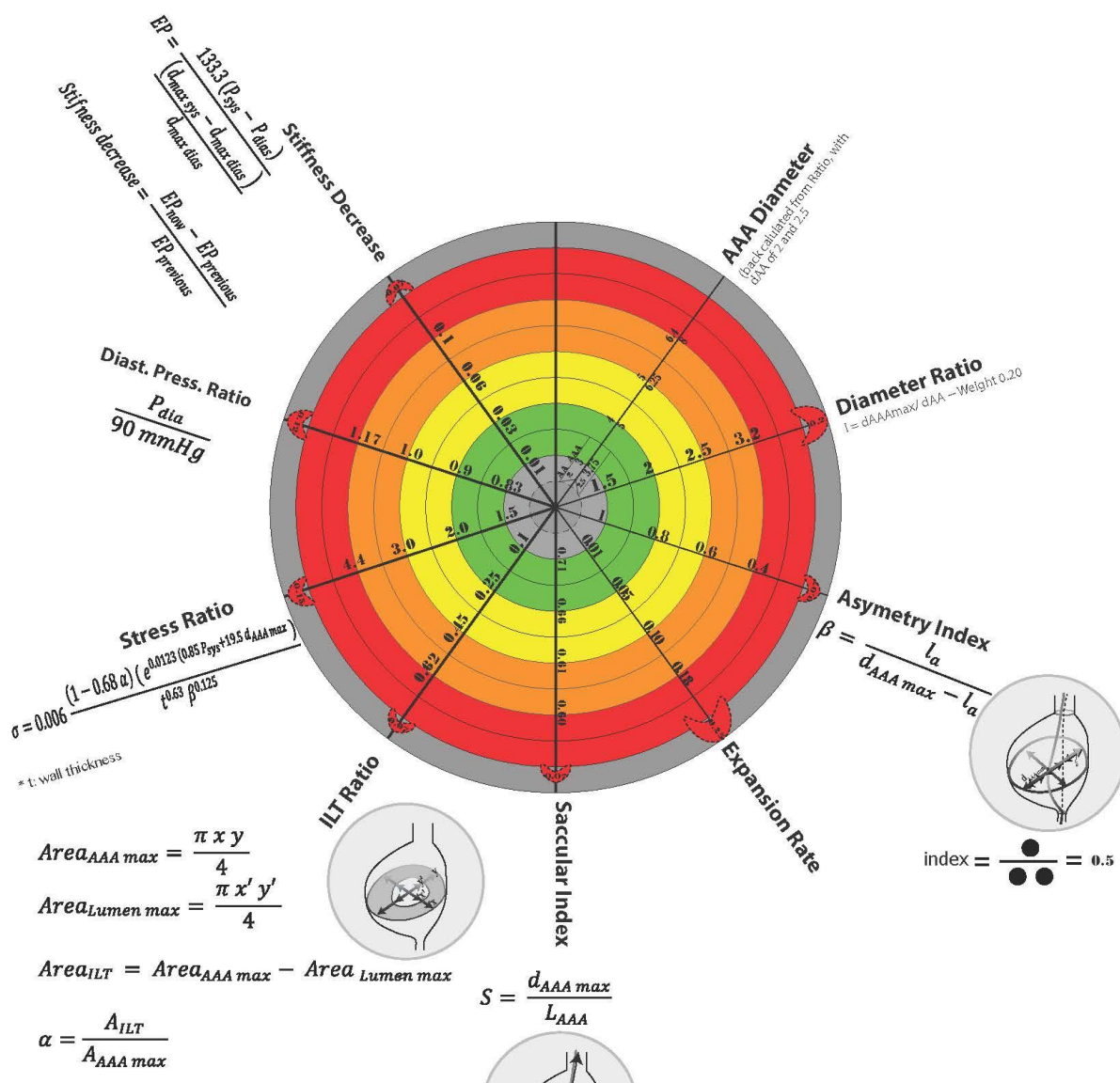
Variable	One	Two	Four	Eight
Operative severity	Minor	Intermediate	Major	Major+
Multiple procedures	1	—	2	>2
Total blood loss (mL)	<100	101-500	501-999	>1000
Peritoneal soiling	None	Minor (serous fluid)	Local pus	Free bowel content, pus or blood
Presence of malignancy	None	Primary only	Nodal metastases	Distant metastases
Mode of surgery	Elective	—	Emergency resuscitation of >2 h possible; operation < 24 h after admission	Emergency (immediate surgery <2 h needed)

POSSUM, Physiological and Operative Severity Score for the Enumeration of Mortality and Morbidity; —, not applicable.

$$\ln(R/1 - R) = (-8.0616 + (0.1552 \times PS) + (0.1238 \times OS)),$$

where R is the mortality risk.³

alpha (ILT ratio)	0.01	stress level	4.29995	bradford	0.01	Scriven	0.5	Armit	1
Beta (Asymetry index)	0.2			329899A	0.2		0.3	207066P	0.8
Psystolic	150				150		150		160
dAAA max (cm)	7.3				6.4		4.7		6
t(thickness at dddmax-cm)	0.3				0.3		0.3		0.3
				Max stress level	3.465090		1.455891		0.9469119





$$\text{index} = \frac{\bullet}{\bullet \bullet} = 0.5$$

Timestamp	Untitled Question
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