



PiCCO-Technology *Normal Values*

Cardiac Index	CI	3.0-5.0	l/min/m ²
Stroke Volume Index	SVI	40-60	ml/m ²
Global Enddiastolic Volume Index*	GEDI	680-800	ml/m ²
Intrathoracic Blood Volume Index	ITBI	850-1000	ml/m ²
Extravascular Lung Water Index	ELWI	3.0-7.0	ml/kg
Pulmonary Vascular Permeability Index*	PVPI	1.0-3.0	
Stroke Volume Variation	SVV	≤ 10	%
Pulse Pressure Variation*	PPV	≤ 10	%
Global Ejection Fraction*	GEF	25-35	%
Cardiac Function Index	CFI	4.5-6.5	1/min
Mean Arterial Pressure	MAP	70-90	mmHg
Systemic Vascular Resistance Index	SVRI	1700-2400	dyn*s*cm ⁻⁵ *m ²

*PiCCO *plus* only

PULSION Medical Systems is a medical device manufacturer and does not practice medicine. PULSION does not recommend these normal values for use on a specific patient. The treating physician is in any case responsible for determining and utilizing the appropriate diagnostic and therapeutic measures for each individual patient.

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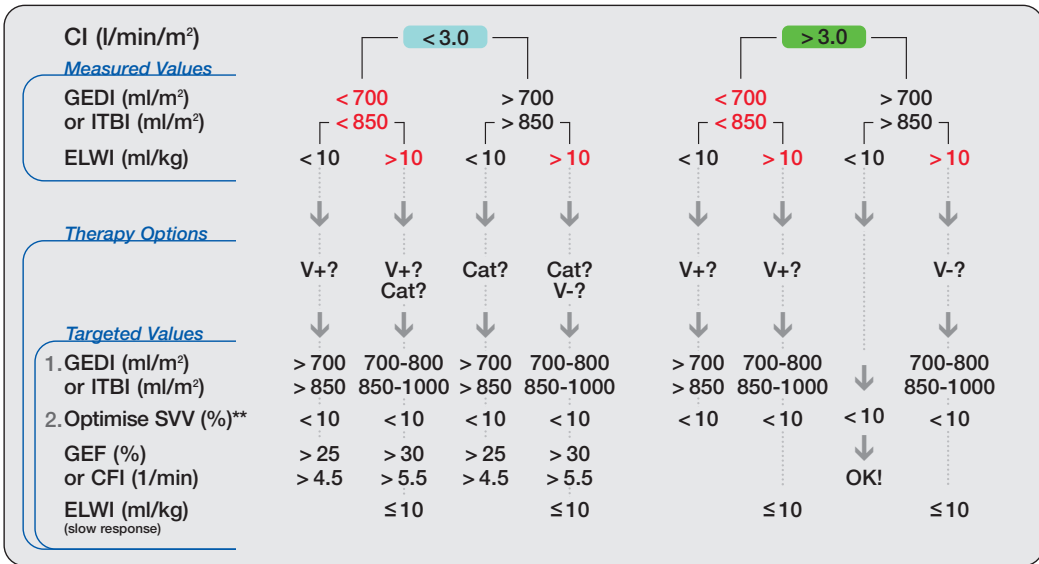


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PiCCO-Technology *Decision Model**

This decision model is not obligatory. It cannot replace the individual therapeutic decisions of the treating physician.



*Fresenius M, Heck M (2006), chapter "Monitoring" in "Repetitorium Intensivmedizin", Springer Medizin Verlag Heidelberg, 44-46

Kirov MY, Kuzkov VV, Bjertnaes LJ, "Extravascular lung water in sepsis" in Vincent JL (ed) Yearbook of Intensive Care and Emergency Medicine 2005, Springer-Verlag Berlin Heidelberg New York, 449-460

V+ = volume loading V- = volume reduction Cat = catecholamine / cardiovascular agents

**SVV is only applicable in fully ventilated patients without cardiac arrhythmia