

Swan-Ganz Jr Pulmonary Artery Catheters

Specifications and Computation Constants

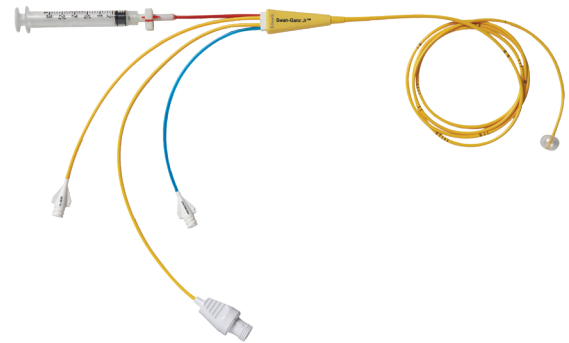
Over 50 years of innovation and experience applied to Swan-Ganz catheters, now indicated for adolescent patients ages 12 and up.

Models / catheter sizes

- SGPT54 (5 Fr)
- SGPT64P (6 Fr)
- SGPT755P (7.5 Fr)

Parameters

- Continuous right heart pressures (PAP, RAP)
- Intermittent wedge pressure (PAOP)
- Intermittent thermodilution cardiac output (iCO)
- Mixed venous blood sampling (SvO₂)
- Continuous core temperature



Intermittent Derived Parameters

- Systemic vascular resistance (SVR)
- Pulmonary vascular resistance (PVR)
- Stroke volume (SV)
- Indexed values (CI, SVI, SVRI)

Specifications

Model Number	SGPT755P	SGPT64P	SGPT54
French	7.5 F	6 F	5 F
Usable Length (cm)	110	110	75
Balloon Inflation Capacity (ml)	1.5	1.0	0.7
Distance from Tip			
Injectate Port	30	30	15
Infusion (VIP) Port	31	–	–
Lumen Volume (ml)			
Distal Lumen	0.86	0.92	0.64
Injectate Lumen	0.86	0.74	0.57
VIP/RA Lumen	0.87	–	–
Infusion Rate* (ml/min)			
Infusion (VIP) Lumen	13	5 (distal), 7 (injectate)	–
Maximum Guidewire Diameter			
Distal Lumen	0.025 in (0.64 mm)	0.025 in (0.64 mm)	0.020 in (0.51 mm)

Computation Constants

Bath Probe Injectate Temperature		SGPT755P	SGPT64P	SGPT54
Injectate Temp (°C)	Injectate Volume (ml)	Computation Constants (CC)*		
0-5	10	0.564	0.547	–
	5	0.262	0.259	0.270
	3	0.139	0.144	0.154
	1	–	–	0.037
19-22	10	0.588	0.582	–
	5	0.283	0.280	0.292
	3	0.158	0.161	0.170
	1	–	–	0.048
23-25	10	0.612	0.608	–
	5	0.301	0.305	0.307
	3	0.177	0.180	0.181
	1	–	–	0.055
In-Line Injectate Temperature (CO-Set+)	Injectate Volume (ml)	Computation Constants (CC)*		
Cold Injectate				
6°C -12°C	10	0.578	0.558	–
8°C -12°C	5	0.272	0.277	0.285
Room Temp				
18°C -25°C	10	0.592	0.607	–
18°C -25°C	5	0.290	0.301	0.307

$$*CC = (1.08) C_i (60)(V_i)$$

CAUTION: Federal (United States) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

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