

Veno-Arterial Extracorporeal Membrane Oxygenation for Cardiogenic Shock

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Materials

Name	Company	Catalog Number	Comments
Amplatz Super Stiff guidewire	Boston Scientific	46-500, 46-501, 46-502, 46-503, 46-504, 46-517, 46-519, 46-520, 46-523, 46-525, 46-526, 46-563, 46-564, 46-509, 46-510, 46-518, 46-524	Allows delivery of catheters across tortuous anatomies
Impella	Abiomed	Impella 2.5, Impella CP, Impella 5.0, Impella 5.5, Impella RP	Percutaneously inserted left ventricular assist device that provides hemodynamic support in cardiogenic shock
Inflow Cannula	Surge Cardiovascular	FEM-V1020, FEM-V1022, FEM-V1024, FEM-V1026, FEM-V1028	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Biomedicus 96600-019,021,023,025,027,029	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Biomedicus Femoral Venous 96670 - 017,019, 021, 023	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Biomedicus Multi-Stage Femoral Venous 96880-019,021,025	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Biomedicus NextGen 96600 - 115, 117, 119, 121, 123, 125, 127, 129	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Carmeda Biomedicus CB96605-015,017,019,021,023,025,29	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Cortiva Biomedicus Femoral Venous CB96670-015,017,019,021	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	DLP Carmeda Venous CB75008, CB66112, CB66114, CB66116, CB66118, CB66120, CB66122, CB66124	Removes deoxygenated blood from the central venous circulation into the ECMO circuit

Inflow Cannula	Geringe	Avalon Elite Bicaval - 10013, 10016, 10019, 10020, 10023, 10027, 10031	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Geringe	HLS Cannula Venous Bioline - BE PVS 1938, 2138, 2155, 2338, 2355, 2538, 2555, 2955	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Geringe	HLS Cannula Venous Softline - BO PVS 1938, 2138, 2155, 2338, 2355, 2538, 2555, 2955	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Geringe	HLS Cannula Venous - PVS 1938, 2138, 2155, 2338, 2355, 2538, 2555, 2955	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Life Support Bio-Medicus Drainage Catheter and Introducers - LS96218 - 015, 017, 019, 021, 023, 025 ; LS96438 - 021, 023, 025, LS 96555 - 019, 021, 023, 025, LS 96355 - 021, LS96360 -023, 025, 027, 029	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Fresenius	Medos Femoral Cannula MEFKV 18,20,22,24,26,28	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Medtronic Cardiopulmonary	Medtronic 2 stage venous - 91228, 91240, 91246, 91236,91251	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Senko/Mera	PCKC-V-24, PCKC-V2-18, PCKC-V-18, PCKC-V2-20, PCKC-V-20, PCKC-V-22, PCKC-V2-24, PCKC-V-24	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	TandemLife/Livanova	29,31 Fr	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Freelife Medical	FLK V19 B18, FLK V19 B18R, FLK VV 19R, FLK V20 B20, FLK V20 B20R, FLK V19 B20, FLK V19 B20R, FLK V20 B22, FLK V20 B22R, FLK V10S B22, FLK V19 B22, FLK V19 B22R, FLK V10 B22, FLK V10 B22R, FLK V10S B22R, FLK VV 23R, FLK V10S B24, FLK V10S B24R, FLK V10 B24, FLK V10 B24R, FLK V10S B26, FLK V10S B26R, FLK V10 B26, FLK V10 B26R, FLK VV 27R, FLK VV 31R	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	LivaNova	Sorin right angle venous - 10, 12, 14, 16, 18, 20, 22, 24, 28	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Inflow Cannula	Terumo	CX-EB18VLX, CX-EB21VLX	Removes deoxygenated blood from the central venous circulation into the ECMO circuit
Outflow Cannula	Medtronic Cardiopulmonary	Biomedicus Arterial 96530 - 015,017, 019, 021, 023, 025,	Returns oxygenated blood to the body
Outflow Cannula	Medtronic Cardiopulmonary	Biomedicus Femoral Arterial 96570 - 015, 017, 019, 021	Returns oxygenated blood to the body
Outflow Cannula	Medtronic Cardiopulmonary	Biomedicus NextGen Arterial 96530 -115, 117, 119, 121, 123, 125, 96570 - 115, 117, 119, 121	Returns oxygenated blood to the body
Outflow Cannula	Medtronic Cardiopulmonary	Carmeda Biomedicus CB96535 - 015, 017, 019, 021, 023	Returns oxygenated blood to the body
Outflow Cannula	Medtronic Cardiopulmonary	Cortiva Biomedicus Femoral Arterial CB96570 -015, 017, 019, 021	Returns oxygenated blood to the body
Outflow Cannula	Geringe	PAS 1315, PAS 1515, PAS 1523, PAS 1717, PAL 1723, PAL 1923,	Returns oxygenated blood to the body

		PAL 2115, PAL 2123, PAL 2315, PAL 2323	
Outflow Cannula	Getinge	Bioline BE PAS 1315, BE PAS 1515, BE PAL 1523, BE PAL 1723, BE PAS 1915, BE PAL 1923, BE PAS 2115, BE PAL 2123, BE PAS 2315, BE PAL 2323,	Returns oxygenated blood to the body
Outflow Cannula	Getinge	Softline BO PAS 1315, BO PAS 1515, BO PAL 1523, BO PAS 1715, BO PAL 1723, BO PAS 1915, BO PAL 1923, BO PAS 2115, BO PAL 2123, BO PAL 2323	Returns oxygenated blood to the body
Outflow Cannula	Fresenius	Medos Femoral Arterial Cannula; MEFKA 16, 18, 20, 22,24	Returns oxygenated blood to the body
Outflow Cannula	Senko/Mera	PCKC-A-20, PCKC-A-16, PCKC-A-18	Returns oxygenated blood to the body
Outflow Cannula	Freelife Medical	FLK A18 D16, FLK A18L D16, FLK A18L D16R, FLK A18 D16R, FLK A44 D18, FLK A44 D18R, FLK A18 D18, FLK A18L D18, FLK A18L D18R, FLK A18 D18R, FLK A44 D20, FLK A44 D20R, FLK A18 D20, FLK A18L D20R, FLK A18 D20R, FLK A18 D22, FLK A18L D22, FLK A18L D22R, FLK A18 D24, FLK A18L D24, FLK A18L D24R, FLK A18 D24R	Returns oxygenated blood to the body
Outflow Cannula	LivaNova	Sorin arterial - 14, 17, 19, 21, 23 Fr	Returns oxygenated blood to the body
Outflow Cannula	Medtronic Cardiopulmonary	Life Support Bio-Medicus Return Catheter and Introducers - LS96010-009, LS96010-011, LS96010-013, LS96010-015, LS96218-015, LS96218-017, LS96218-019, LS96218-021, LS96218-023, LS96218-025	Returns oxygenated blood to the body
Oxygenator	Abbott	Eurosets	Deoxygenated blood from the inflow cannula is saturated with oxygen
Oxygenator	Getinge	MaquetHLS Set Advanced v 5.0, v 7.0, Maquet Quadrox iD	Deoxygenated blood from the inflow cannula is saturated with oxygen
Oxygenator	Medtronic	Nautilus	Deoxygenated blood from the inflow cannula is saturated with oxygen
Pump	Abiomed	Breethe	Generates force to deliver oxygenated blood back to the body
Pump	LivaNova	Alcard ALC 250	Generates force to deliver oxygenated blood back to the body
Pump	Baxter	Century Roller Pump	Generates force to deliver oxygenated blood back to the body
Pump	Medtronic Cardiopulmonary	Biomedicus BP50, BP80 Centrifugal	Generates force to deliver oxygenated blood back to the body
Pump	Braile Biomedica	Safyre	Generates force to deliver oxygenated blood back to the body
Pump	Getinge	CiSet	Generates force to deliver oxygenated blood back to the body
Pump	Abbott	CentriMag	Generates force to deliver oxygenated blood back to the body
Pump	LivaNova	Cobe 6" Roller	Generates force to deliver oxygenated blood back to the body
Pump	Origen	FloPump 32	Generates force to deliver oxygenated blood back to the body
Pump	Getinge	HIT Set Advanced Softline 5.0 and 7.0	Generates force to deliver oxygenated blood back to the body

Pump	LivaNova	LifeSPARC	Generates force to deliver oxygenated blood back to the body
Pump	Senko/Mera	Centrifugal pump head	Generates force to deliver oxygenated blood back to the body
Pump	Getinge	HLS Set Advanced Bioline 5.0 and 7.0	Generates force to deliver oxygenated blood back to the body
Tandem Heart	LivaNova	Tandem Heart LS	Percutaneously inserted left ventricular assist device