



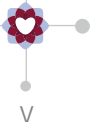
TABLE OF CONTENT

	INTRODUCTION	P.6
1 -	HAEMODYNAMICS DURING MECHANICAL CIRCULATORY SUPPORT Pascal Vranckx, Daniel Burkhoff	P.8
2 -	PERCUTANEOUS CIRCULATORY SUPPORT TO THE LV Georg Fuernau, Holger Thiele	P.20
3 -	PERCUTANEOUS CIRCULATORY SUPPORT FOR THE RV Brian A. Bergmark, David A. Morrow	P.30
4 -	PVAD PATIENT SELECTION AND OPTIMAL TIMING OF SUPPORT Andreas Schäfer	P.44
5 -	PVAD PATIENT MANAGEMENT IN THE ICU, AND WEANING AND ESCALATION Federico Pappalardo, Letizia Bertoldi, Andrea Montisci	P.56
6 -	PERCUTANEOUS CIRCULATORY SUPPORT: VASCULAR SITE ACCESS Carsten Tschöpe, Alessio Alogna, Konstantinos Rapis, Evgenij Potapov, Frank Spillmann	P.68
7 -	IABP: PATIENT SELECTION, COMPLICATIONS AND TROUBLESHOOTING Matthew E Li Kam Wa, Kalpa De Silva, Divaka Perera,	P.84
8 -	TANDEMHEART: TROUBLESHOOTING, COMPLICATIONS & RESUSCITATION Rajan A.G. Patel	P.98
9 -	IMPELLA TROUBLESHOOTING AND RESUSCITATION Tim Balthazar, Christophe Vandenbrielle	P.112
10 -	VA-ECMO IN THE ADULT PATIENT Jordi Riera, Jan Bělohávek	P.126
11 -	MECHANICAL CIRCULATORY SUPPORT IN SPECIAL SUBGROUPS Lucy Mwaura, Martin Balik, Felix Hennig, Daniel Rob, Justyna Swol, Alain Vuylsteke	P.144
12 -	EXTRACORPOREAL MEMBRANE OXYGENATION IN CHILDREN Peter Roeleveld, Joseph Nunziata, Matteo Di Nardo, Mark Davidson, Aparna Hoskote, Jonathan Smith,	P.158



TABLE OF CONTENT

13 -	ECMO SET-UP AND CONFIGURATION	P.178
	Leen Vercaemst, Lars Mikael Broman, Timothy Jones	
14 -	CANNULATION STRATEGIES IN ECLS	P.194
	Lars Mikael Broman, Justyna Swol, Maximilian Halbe, Dirk W Donker	
15 -	PERIPHERAL CANNULATION FOR ECMO IN NEONATES	P.214
	Meyns B., Van Puyvelde J.	
16 -	GAS EXCHANGE AND CARDIOPULMONARY INTERACTIONS DURING ECMO	P.222
	Ricardo Teijeiro-Paradis, Eddy Fan	
17 -	KEY POINTS OF MECHANICAL VENTILATION DURING VA- AND VV-ECMO	P.248
	Michael Salna, Darryl Abrams, Daniel Brodie	
18 -	ECMO MONITORING WHILE EXTRACORPOREAL CARDIOVASCULAR SUPPORT	P.262
	Fabio Silvio Taccone, Lorenzo Peluso	
19 -	APPROACH TO TROUBLESHOOTING, COMPLICATIONS, AND RESUSCITATION FOR PATIENTS ON ECMO	P.272
	Jean Deschamps, Gurmeet Singh, Brian Grunau, Sean van Diepen	
20 -	HOW TO SET UP AN ECMO TEAM	P.290
	Alain Combes, Juliette Chommeloux, Marc Pineton	
21 -	WEANING FROM ACUTE MECHANICAL CIRCULATORY SUPPORT	P.300
	Susanna Price, Guido Tavazzi	
22 -	LONG-TERM IMPLANTABLE LEFT VENTRICULAR ASSIST DEVICE	P.312
	Jan Bělohávek, Felix Hennig	
23 -	MECHANICAL CIRCULATORY SUPPORT IN CHILDREN	P.326
	Jonathan Smith, Aparna Hoskote, Peter Roeleveld, Mark Davidson, Matteo Di Nardo	
24 -	LONG TERM MCS. IN THE INTENSIVE CARE UNIT	P.336
	Christian Hassager, Finn Gustafsson	
25 -	IMPLANTED MCS CARE IN THE OUTPATIENT SETTING	P.344
	Evgenij V. Potapov, Johanna Mulzer, Volkmar Falk,	
26 -	LONG-TERM MCS: TROUBLESHOOTING, COMPLICATIONS, RESUSCITATION	P.358
	Caetano Ana Francisca Simoes Marques Assuncao, Alain Vuylsteke	



V

TABLE OF CONTENT

27 -	IMAGING IN IMPLANTED MECHANICAL CIRCULATORY SUPPORT DEVICES	P.372
	José M. Montero-Cabezas, Jeroen J. Bax, Victoria Delgado	
28 -	LONG-TERM IMPLANTABLE LEFT VENTRICULAR ASSIST DEVICE	P.372
	Jan Bělohávek, Felix Hennig	
29 -	MCS: INOTROPES AND VASOPRESSORS	P.396
	Prof. Susanna Price, Guido Tavazzi	
30 -	CARDIOGENIC SHOCK CONCOMITANT TREATMENT : THE UNDERLYING CAUSE	P.406
	Alexandru Patrascu, Christian Spaulding	
	ABBREVIATIONS	P.417
	REFERENCES AND COPYRIGHT ACKNOWLEDGMENTS	P.422
	NOTES	P.494