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ORDIN DE PLATA NR.: 1610                                TIP.DOC. 1 :
                                DATA EMITERII:19 octombrie 2022 :
=====
PLATITI: 13200-00                                LEI: Treisprezece Mii Doua Sute lei :
00 bani
:
=====
PLATITOR: (R) "BIOSISTEM                                CONTUL DE PLATI/CODUL IBAN :
MLD" S.R.L.                                MD95ML000000002251429243 :
                                CODUL FISCAL :1010600028048 / :
:
=====
PRESTATORUL PLATITOR                                CODUL BANCII:
BC"Moldindconbank"S.A. fil."Invest" Chisinau                                :MOLDMD2X329:
=====
BENEFICIAR (R) Centrul pen                                CONTUL DE PLATI/CODUL IBAN :
tru achizitii publice central MD23TRPCCC518430B01859AA :
izate in sanatate                                CODUL FISCAL :1016601000212 / :
:
=====
PRESTATORUL BENEFICIAR                                CODUL BANCII:
Ministerul Finantelor - Trezoreria de Stat                                :TREZMD2X :
=====
DESTINATIA PLATII:/P102/13200,00 Pentru : TIPUL TRANSFERULUI :
garantia pentru oferta la procedura de a:                                NORMAL/URGENT :N:
chizi?ie publica nr. ocds-b3wdp1-MD-166:                                :
3165406179 din 21.10.2022                                :
:                                :
:                                L.S. :
=====
                                CODUL TRANZACTIEI:101:
                                DATA PRIMIRII:19/10/2022 : SEMNATURILE :
                                DATA EXECUTARII: : EMITENTULUI :
-----
CONDUCTOR:Web Poiata Vitalie
MIIGYwYJKoZiHvcNAQcCoIIGVDCCBlACAQExCzAJBgUrDgMCGGUAMAsGCSqGSIB3:
DQEHAaACCBGwwggRoMIIDUKADAgECAhNHAACjbi1rgFksQ0G4AAAAAKNuMA0GCSqG:
SIB3DQEBcUAMCIxIDAeBgNVBAMTF0NFULQxLUNBLU1vbGRpbmRjb25iYW5rMB4X:
DTIxMDEyODExMzgwNVVoXDTI0MDEyODExNDgwNVVowgZ8xCzAJBgNVBAYTAk1EMRAw:
YDVQIQEwdNb2xkb3ZhMREwDwYDVQQHEWhDaGlzaw5hdTEWMBQGA1UEChMNQmlv :
:
(semnatura electronica)
CONTABIL-SEF:Web Nasedchin Alexandr
MIIGZwYJKoZiHvcNAQcCoIIGWDCCBlQCAQExCzAJBgUrDgMCGGUAMAsGCSqGSIB3:
DQEHAaACCBHAWggRSMIIDVKADAgECAhNHAACjcahRKqbJeg8QAAAAAKNxMA0GCSqG:
SIB3DQEBcUAMCIxIDAeBgNVBAMTF0NFULQxLUNBLU1vbGRpbmRjb25iYW5rMB4X:
DTIxMDEyODExMzgwNVVoXDTI0MDEyODExNDkxOFowgaMxCzAJBgNVBAYTAk1EMRAw:
YDVQIQEwdNb2xkb3ZhMREwDwYDVQQHEWhDaGlzaw5hdTEWMBQGA1UEChMNQmlv :
:
L.S. (semnatura electronica)
CONDUCTOR:
(semnatura manuala)
CONTABIL-SEF:
(semnatura manuala)
SEMNATURA PRESTATORUL L.S.
:
MOTIVUL REFUZULUI : L.S.
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CERTIFICAT
privind lipsa sau existența restanțelor față de bugetul public național

Nr.
№ **A2219755**

din
от **12.10.2022**

1. Destinația / Назначение

Pentru participare la proceduri de achiziții publice

2. Date despre contribuabil / Информация о налогоплательщике

Denumirea Наименование	Codul fiscal / Numărul de identificare Фискальный код / Идентификационный номер
BIOSISTEM MLD S.R.L.	1010600028048
Adresa sediului de bază (strada, numărul) Адрес основного месторасположения (улица, номер)	Codul - Denumirea localității Код - Наименование населенного пункта
Albisoara nr.16 bl.1 of.7	0150-SEC.RISCANI

3. Atestarea lipsei sau existenței restanțelor conform datelor Sistemului Informațional Automatizat /
Подтверждение отсутствия или наличия недоимки согласно данных Информационной автоматизированной системы

La data emiterii prezentului certificat restanța față de bugetul public național constituie/ На дату выдачи данной справки недоимка перед национальным публичным бюджетом составляет:
0,00 lei/лей.

4. Valabil până la / Действителен до 27.10.2022

5. Autentificarea Serviciului Fiscal de Stat / Подтверждение Государственной налоговой службы

Șef DDF Riscani

Funcția / Должность
a DGDF

L.Ș/ М.П.

Executor: **Svetlana Slonovskaia**
Numele și prenumele / Фамилия и имя
tel: (022)823102



Semnătura/Подпись

Ana STOICOV

Numele și prenumele/Фамилия и имя

Este extras din Sistemul Informațional al SFS SIA „Contul curent al contribuabilului”// 12.10.2022 ora 11:40:48
cu aplicarea prevederilor pct. 82-83 Ordin IFPS nr.400 din 14.03.2014 (Monitorul Oficial 72-77/399, 28.03.2014)

NOTA (0,00)



BC "MOLDINDCONBANK" S.A.

Filiala "Invest"

Republica Moldova, MD-2068
mun. Chișinău, bd. Moscovei, 14/1
Tel. : (373-22) 43-44-81, 43-46-24
Fax : (373-22) 43-44-22
cod: MOLDMD2X329

Data 14. IAN. 2016
Nr. 03/2 - 19/23

Республика Молдова, MD-2068
мун. Кишинэу, бул. Московской, 14/1
Тел. : (373-22) 43-44-81, 43-46-24
Факс : (373-22) 43-44-22
код: MOLDMD2X329

Filiala „Invest” BC „Moldindconbank” SA confirmă existența contului curent în moneda națională al **“BIOSISTEM MLD” S.R.L. (c/f 1010600028048)**, cu **IBAN MD95ML000000002251429243.**

Codul băncii MOLDMD2X329.

Director

Nina Turcan

Director financiar



Nina Balmuş

Ex. Diana Brinza
Tel. 43-45-96

REPUBLICA



MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

Societatea cu Răspundere Limitată "BIOSISTEM MLD"
— ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT —

Numărul de identificare de stat - codul fiscal
1010600028048

Data înregistrării

12.08.2010

Data eliberării

12.08.2010

Svirepova Ludmila, registrator

*Funcția, numele, prenumele persoanei
care a eliberat certificatul*

L. Svirepova
semnătura

MD 0101250





I.P. "AGENȚIA SERVICII PUBLICE"

Departamentul înregistrare și licențiere a unităților de drept

EXTRAS

din Registrul de stat al persoanelor juridice

nr. 8506 din 28.04.2021

Denumirea completă: **Societatea cu Răspundere Limitată «BIOSISTEM MLD».**

Denumirea prescurtată: **«BIOSISTEM MLD» S.R.L.**

Forma juridică de organizare: **Societate cu Răspundere Limitată.**

Numărul de identificare de stat și codul fiscal: **1010600028048.**

Data înregistrării de stat: **12.08.2010.**

Sediul: **MD-2001, str. Albișoara, 16/1, ap.(of.) 7, mun. Chișinău, Republica Moldova.**

Obiectul principal de activitate:

- 1 Activitatea farmaceutică;**
- 2 Importul, fabricarea, comercializarea, asistența tehnică și (sau) reparația dispozitivelor medicale și (sau) a opticii;**
- 3 Acordarea asistenței medicale de către instituțiile medico-sanitare private;**
- 4 Comerțul cu ridicata al calculatoarelor, echipamentelor periferice și software-ului;**
- 5 Întreținerea și repararea mașinilor de birou și a tehnicii de calcul;**
- 6 Consultații în domeniul sistemelor de calcul.**

Capitalul social: **5400 lei.**

Administrator: POIATA VITALIE,

Asociați:

- 1. POIATA VITALIE 33,40 %**
- 2. NASEDCHIN ALEXANDR 33,30 %**
- 3. KOJEVNIKOV DMITRII 33,30 %.**

Prezentul extras este eliberat în temeiul art. 34 al Legii nr. 220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de: 28.04.2021.

Specialist coordonator
tel. 022-207-840



Lazari Aliona



EB 0358735

Lista fondatorilor Biosistem-mld SRL

Nr.	Nume, Prenume	IDNP
1.	Vitalie Poiata	0983103892591
2.	Alexandr Nasedchin	2002001070747
3.	Dmitrii Kojevnikov	0972305012362

SITUAȚIILE FINANCIARE
pentru perioada 01.01.2021 - 31.12.2021

Entitatea: BIOSISTEM MLD S.R.L.
Cod CUIO: 40717392
Cod IDNO: 1010600028048

Sediul:
MD:
Raionul(municipiul): 106, DDF RISCANI
Cod CUATM: 0150, SEC.RISCANI
Strada: SECTORUL RISCANI STR.Albisoara nr.16 bl.1 of.7

Activitatea principală: G4646, Comert cu ridicata al produselor farmaceutice
Forma de proprietate: 16, Proprietate colectivă
Forma organizatorico-juridică: 530, Societăți cu răspundere limitată

Date de contact:
Telefon: +37322808719
WEB:
E-mail: zmii13@mail.ru
Numele și coordonatele al contabilului-șef: DI (dna) Tel.

Numărul mediu al salariaților în perioada de gestiune: 3 persoane.

Persoanele responsabile de semnarea situațiilor financiare* Nasedchin Alexandr

Unitatea de măsură: leu

BILANȚUL

Anexa 1

Nr. cpt.	Indicatori	Cod rd.	Sold la	
			Începutul perioadei de gestiune	Sfîrșitul perioadei de gestiune
1	2	3	4	5
	A C T I V			
	ACTIVE IMOBILIZATE			
	I. Imobilizări necorporale			
	1. Imobilizări necorporale în curs de execuție	010		
	2. Imobilizări necorporale în exploatare, total	020		
	din care:	021		
	2.1. concesiuni, licențe și mărci			
	2.2. drepturi de autor și titluri de protecție	022		
	2.3. programe informatice	023		
	2.4. alte imobilizări necorporale	024		
	3. Fond comercial	030		
	4. Avansuri acordate pentru imobilizări necorporale	040		
	Total imobilizări necorporale (rd.010 + rd.020 + rd.030 + rd.040)	050		
	II. Imobilizări corporale			
	1. Imobilizări corporale în curs de execuție	060		
	2. Terenuri	070		
	3. Mijloace fixe, total	080	2793637	3559998
	din care:	081		
	3.1. clădiri			
	3.2. construcții speciale	082		
	3.3. mașini, utilaje și instalații tehnice	083	2791637	3533108
	3.4. mijloace de transport	084		

A.	3.5. inventar și mobilier	085		26890
	3.6. alte mijloace fixe	086	2000	
	4. Resurse minerale	090		
	5. Active biologice imobilizate	100		
	6. Investiții imobiliare	110		
	7. Avansuri acordate pentru imobilizări corporale	120		1162136
	Total imobilizări corporale (rd.060 + rd.070 + rd.080 + rd.090 + rd.100 + rd.110 + rd.120)	130	2793637	4722134
	III. Investiții financiare pe termen lung			
	1. Investiții financiare pe termen lung în părți neafiliate	140		
	2. Investiții financiare pe termen lung în părți afiliate, total	150		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	151		
	2.2 împrumuturi acordate părților afiliate	152		
	2.3 împrumuturi acordate aferente intereselor de participare	153		
	2.4 alte investiții financiare	154		
	Total investiții financiare pe termen lung (rd.140 + rd.150)	160		
	IV. Creanțe pe termen lung și alte active imobilizate			
	1. Creanțe comerciale pe termen lung	170		
	2. Creanțe ale părților afiliate pe termen lung	180		
	inclusiv: creanțe aferente intereselor de participare	181		
	3. Alte creanțe pe termen lung	190		
	4. Cheltuieli anticipate pe termen lung	200		
	5. Alte active imobilizate	210		
	Total creanțe pe termen lung și alte active imobilizate (rd.170 + rd.180 + rd.190 + rd.200 + rd.210)	220		
	TOTAL ACTIVE IMOBILIZATE (rd.050 + rd.130 + rd.160 + rd.220)	230	2793637	4722134
B.	ACTIVE CIRCULANTE			
	I. Stocuri			
	1. Materiale și obiecte de mică valoare și scurtă durată	240	51978	5346
	2. Active biologice circulante	250		
	3. Producția în curs de execuție	260		
	4. Produse și mărfuri	270	7221203	9147976
	5. Avansuri acordate pentru stocuri	280		
	Total stocuri (rd.240 + rd.250 + rd.260 + rd.270 + rd.280)	290	7273181	9153322
	II. Creanțe curente și alte active circulante			
	1. Creanțe comerciale curente	300	3912218	2182471
	2. Creanțe ale părților afiliate curente	310		
	inclusiv: creanțe aferente intereselor de participare	311		
	3. Creanțe ale bugetului	320	74631	208171
	4. Creanțele ale personalului	330		
	5. Alte creanțe curente	340		
	6. Cheltuieli anticipate curente	350	2	
	7. Alte active circulante	360	5756117	1608597
	Total creanțe curente și alte active circulante (rd.300 + rd.310 + rd.320 + rd.330 + rd.340 + rd.350 + rd.360)	370	9742968	3999239
	III. Investiții financiare curente			
	1. Investiții financiare curente în părți neafiliate	380		
	2. Investiții financiare curente în părți afiliate, total	390		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	391		
	2.2. împrumuturi acordate părților afiliate	392		
	2.3. împrumuturi acordate aferente intereselor de participare	393		

	2.4. alte investiții financiare în părți afiliate	394		
	Total investiții financiare curente (rd.380 + rd.390)	400		
	IV. Numerar și documente bănești	410	3942779	9861933
	TOTAL ACTIVE CIRCULANTE (rd.290 + rd.370 + rd.400 + rd.410)	420	20958928	23014494
	TOTAL ACTIVE (rd.230 + rd.420)	430	23752565	27736628
	P A S I V			
C.	CAPITAL PROPRIU			
	I. Capital social și neînregistrat			
	1. Capital social	440	5400	5400
	2. Capital nevărsat	450	()	()
	3. Capital neînregistrat	460		
	4. Capital retras	470	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	480		
	Total capital social și neînregistrat (rd.440 + rd.450 + rd.460 + rd.470 + rd.480)	490	5400	5400
	II. Prime de capital	500		
	III. Rezerve			
	1. Capital de rezervă	510		
	2. Rezerve statutare	520		
	3. Alte rezerve	530		
	Total rezerve (rd.510 + rd.520 + rd.530)	540		
	IV. Profit (pierdere)			
	1. Corecții ale rezultatelor anilor precedenți	550	X	
	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	560	20060126	16230339
	3. Profit net (pierdere netă) al perioadei de gestiune	570	X	10403995
	4. Profit utilizat al perioadei de gestiune	580	X	()
	Total profit (pierdere) (rd.550 + rd.560 + rd.570 + rd.580)	590	20060126	26634334
	V. Rezerve din reevaluare	600		
	VI. Alte elemente de capital propriu	610		
	TOTAL CAPITAL PROPRIU (rd.490 + rd.500 + rd.540 + rd.590 + rd.600 + rd.610)	620	20065526	26639734
D.	DATORII PE TERMEN LUNG			
	1. Credite bancare pe termen lung	630		
	2. Împrumuturi pe termen lung	640		
	din care:	641		
	2.1. împrumuturi din emisiunea de obligațiuni			
	inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	642		
	2.2. alte împrumuturi pe termen lung	643		
	3. Datorii comerciale pe termen lung	650		
	4. Datorii față de părțile afiliate pe termen lung	660		
	inclusiv: datorii aferente intereselor de participare	661		
	5. Avansuri primite pe termen lung	670		
	6. Venituri anticipate pe termen lung	680		
	7. Alte datorii pe termen lung	690		
	TOTAL DATORII PE TERMEN LUNG (rd.630 + rd.640 + rd.650 + rd.660 + rd.670 + rd.680 + rd.690)	700		
	DATORII CURENTE			
	1. Credite bancare pe termen scurt	710		
	2. Împrumuturi pe termen scurt, total	720		

E.	din care:	721		
	2.1. împrumuturi din emisiunea de obligațiuni			
	inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	722		
	2.2. alte împrumuturi pe termen scurt	723		
	3. Datorii comerciale curente	730	3252667	343711
	4. Datorii față de părțile afiliate curente	740		
	inclusiv: datorii aferente intereselor de participare	741		
	5. Avansuri primite curente	750	188105	355528
	6. Datorii față de personal	760	50	350
	7. Datorii privind asigurările sociale și medicale	770		
	8. Datorii față de buget	780	187676	150263
	9. Datorii față de proprietari	790		
	10. Venituri anticipate curente	800		
	11. Alte datorii curente	810	58541	247042
	TOTAL DATORII CURENTE (rd.710 + rd.720 + rd.730 + rd.740 + rd.750 + rd.760 + rd.770 + rd.780 + rd.790 + rd.800 + rd.810)	820	3687039	1096894
F.	PROVIZIOANE			
	1. Provizioane pentru beneficiile angajaților	830		
	2. Provizioane pentru garanții acordate cumpărătorilor/clientilor	840		
	3. Provizioane pentru impozite	850		
	4. Alte provizioane	860		
	TOTAL PROVIZIOANE (rd.830 + rd.840 + rd.850 + rd.860)	870		
	TOTAL PASIVE (rd.620 + rd.700 + rd.820 + rd.870)	880	23752565	27736628

SITUAȚIA DE PROFIT ȘI PIERDERE

de la pînă la

Anexa 2

Indicatori	Cod rd.	Perioada de gestiune	
		precedenta	curenta
1	2	3	4
Venituri din vânzări, total	010	25963175	38680547
din care:			
venituri din vânzarea produselor și mărfurilor	011	25044358	37724557
venituri din prestarea serviciilor și executarea lucrărilor	012	918817	951393
venituri din contracte de construcție	013		
venituri din contracte de leasing	014		
venituri din contracte de microfinanțare	015		
alte venituri din vânzări	016		4597
Costul vânzărilor, total	020	15186814	24434231
din care:			
valoarea contabilă a produselor și mărfurilor vândute	021	15186814	24433364
costul serviciilor prestate și lucrărilor executate terților	022		
costuri aferente contractelor de construcție	023		
costuri aferente contractelor de leasing	024		
costuri aferente contractelor de microfinanțare	025		
alte costuri aferente vânzărilor	026		867
Profit brut (pierdere brută) (rd.010 - rd.020)	030	10776361	14246316
Alte venituri din activitatea operațională	040	247603	5189
Cheltuieli de distribuire	050	19740	6076
Cheltuieli administrative	060	1259776	1788732
Alte cheltuieli din activitatea operațională	070	640169	1870642
Rezultatul din activitatea operațională: profit (pierdere) (rd.030 + rd.040 - rd.050 - rd.060 - rd.070)	080	9104279	10586055

Venituri financiare, total	090	519239	1517765
din care:			
venituri din interese de participare	091		
inclusiv: veniturile obținute de la părțile afiliate	092		
venituri din dobânzi	093	25612	30619
inclusiv: veniturile obținute de la părțile afiliate	094		
venituri din alte investiții financiare pe termen lung	095		
inclusiv: veniturile obținute de la părțile afiliate	096		
venituri aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	097		
venituri din ieșirea investițiilor financiare	098		
venituri aferente diferențelor de curs valutar și de sumă	099	493627	1487146
Cheltuieli financiare, total	100	597528	249562
din care:			
cheltuieli privind dobânzile	101		
inclusiv: cheltuielile aferente părților afiliate	102		
cheltuieli aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	103		
cheltuieli aferente ieșirii investițiilor financiare	104		
cheltuieli aferente diferențelor de curs valutar și de sumă	105	597528	249562
Rezultatul: profit (pierdere) financiar(ă) (rd.090 - rd.100)	110	-78289	1268203
Venituri cu active imobilizate și excepționale	120		
Cheltuieli cu active imobilizate și excepționale	130		
Rezultatul din operațiuni cu active imobilizate și excepționale: profit (pierdere) (rd.120 - rd.130)	140		
Rezultatul din alte activități: profit (pierdere) (rd.110 + rd.140)	150	-78289	1268203
Profit (pierdere) pînă la impozitare (rd.080 + rd.150)	160	9025990	11854258
Cheltuieli privind impozitul pe venit	170	1051159	1450263
Profit net (pierdere netă) al perioadei de gestiune (rd.160 - rd.170)	180	7974831	10403995

SITUAȚIA MODIFICĂRILOR CAPITALULUI PROPRIU

de la pînă la

Anexa 3

Nr. d/o	Indicatori	Cod rd	Sold la începutul perioadei de gestiune	Majorări	Diminuări	Sold la sfîrșitul perioadei de gestiune
1	2	3	4	5	6	7
I.	Capital social și neînregistrat					
	1. Capital social	010				
	2. Capital nevărsat	020	()	()	()	()
	3. Capital neînregistrat	030				
	4. Capital retras	040	()	()	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	050				
	Total capital social și neînregistrat (rd.010 + rd.020 + rd.030 + rd.040 + rd.050)	060				
II.	Prime de capital	070				
III.	Rezerve					
	1. Capital de rezervă	080				
	2. Rezerve statutare	090				
	3. Alte rezerve	100				
	Total rezerve (rd.080 + rd.090 + rd.100)	110				
	Profit (pierdere)					
	1. Corecții ale rezultatelor anilor precedenți	120	X			

IV.	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	130				
	3. Profit net (pierdere netă) al perioadei de gestiune	140	X			
	4. Profit utilizat al perioadei de gestiune	150	X	()	()	()
	Total profit (pierdere) (rd.120 + rd.130 + rd.140 + rd.150)	160				
V.	Rezerve din reevaluare	170				
VI.	Alte elemente de capital propriu	180				
	Total capital propriu (rd.060 + rd.070 + rd.110 + rd.160 + rd.170 + rd.180)	190				

SITUAȚIA FLUXURILOR DE NUMERAR

de la pînă la

Anexa 4

Indicatori	Cod rd	Perioada de gestiune	
		precedentă	curentă
1	2	3	4
Fluxuri de numerar din activitatea operațională			
Încasări din vânzări	010		
Plăți pentru stocuri și servicii procurate	020		
Plăți către angajați și organe de asigurare socială și medicală	030		
Dobînzi plătite	040		
Plata impozitului pe venit	050		
Alte încasări	060		
Alte plăți	070		
Fluxul net de numerar din activitatea operațională (rd.010 - rd.020 - rd.030 - rd.040 - rd.050 + rd.060 - rd.070)	080		
Fluxuri de numerar din activitatea de investiții			
Încasări din vânzarea activelor imobilizate	090		
Plăți aferente intrărilor de active imobilizate	100		
Dobînzi încasate	110		
Dividende încasate	120		
inclusiv: dividende încasate din străinătate	121		
Alte încasări (plăți)	130		
Fluxul net de numerar din activitatea de investiții (rd.090 - rd.100 + rd.110 + rd.120 ± rd.130)	140		
Fluxuri de numerar din activitatea financiară			
Încasări sub formă de credite și împrumuturi	150		
Plăți aferente rambursării creditelor și împrumuturilor	160		
Dividende plătite	170		
inclusiv: dividende plătite nerezidenților	171		
Încasări din operațiuni de capital	180		
Alte încasări (plăți)	190		
Fluxul net de numerar din activitatea financiară (rd.150 - rd.160 - rd.170 + rd.180 ± rd.190)	200		
Fluxul net de numerar total (± rd.080 ± rd.140 ± rd.200)	210		
Diferențe de curs valutar favorabile (nefavorabile)	220		
Sold de numerar la începutul perioadei de gestiune	230		
Sold de numerar la sfîrșitul perioadei de gestiune (± rd.210 ± rd.220 + rd.230)	240		

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Расписка 2

Респондент

Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.

Предоставил отчёт: RSF1_21

На фискальный период: A/2021

Дата предоставления: 29.03.2022

Временная метка отчёта зарегистрированного в Информационной Системе НБС : 29.03.2022 17:25:45

National Bureau of Statistics (NBS) received the electronic version of the report, sent by you. The data provided is verified by NBS.

Версия для печати

Сохранить

Расписка

Респондент

Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.

Предоставил отчёт: RSF1_21

На фискальный период: A/2021

Дата предоставления: 29.03.2022

Временная метка отчёта зарегистрированного в Системе Электронной Отчётности и отправленного в Информационную Систему БНС : 29.03.2022 14:51:06

Product catalog

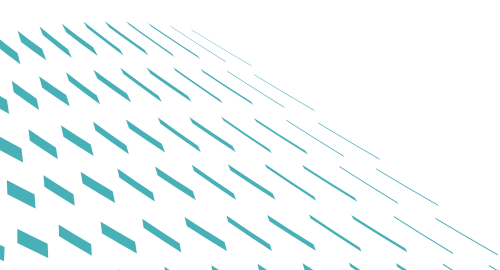


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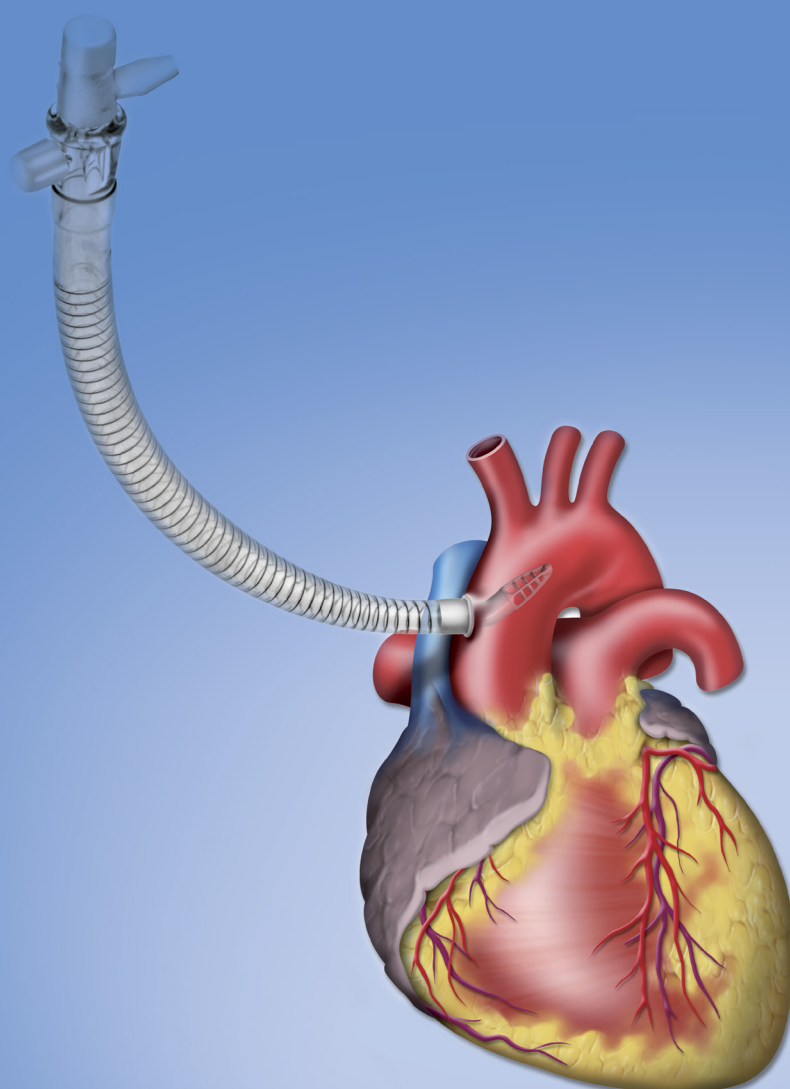
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ARTERIAL CANNULAE

LivaNova Adult Arterial Cannulae are intended for adult arterial direct cannulation and are available in different configurations: curved, straight or dispersive, they are designed in clear and transparent PVC which maintains elasticity during hypothermia. An index marker on the distal end of the cannula tip facilitates orientation. The tip is available with suture flange and suture collar, for better cannula fixation. Depending on country registration, an optional phospholipid coating may be available.

Note on ordering: coated products have a "B" before their reference code.

For more information, please contact your local sales representative.



Connectors

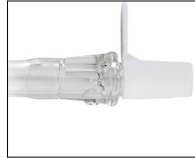
Different connector options are offered: straight connectors with or without luer as well as porous vent plugs.



A version



B version



C version



Connector
without luer vent



Porous vent plug

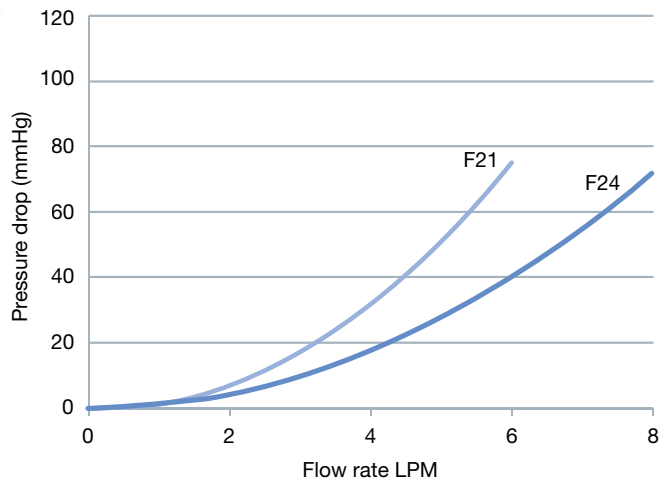


Connector
with luer vent

Optiflow Arterial Cannulae

LivaNova Optiflow Arterial Cannulae are designed with a three-dimensional basket tip for better flow dispersion and improved hemodynamics. This unique feature provides a native-like blood flow and avoids the so-called jet stream, thus reducing the risk of plaque dislodgement (Assmann et al. Artificial Organs 2014; 39(3): 203-211). Available in 21 and 24 Fr with and without wire-reinforced tubings and optional luer lock for venting. Depending on country registration, an optional phospholipid coating may be available to help improve biocompatibility. Note on ordering: coated products have a "B" before their reference code. For more information, please contact your local sales representative.

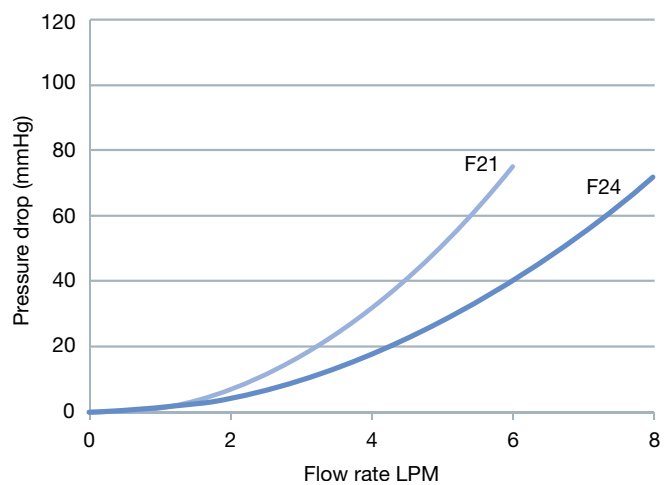
Optiflow Arterial Cannulae Curved Tip, Wire-reinforced Tubing



CANNULA TIP SIZE	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT DOWN	CONNECTOR WITH LUER VENT UP	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
21 Fr/ 7 mm	A282-70C	A282-70B	A282-70A	3/8"	24	10	Depends on Country Registration
24 Fr/ 8 mm	A282-80C	A282-80B	A282-80A	3/8"	25	10	Depends on Country Registration

*Connectors reference pag. 4

Optiflow Arterial Cannulae Curved Tip, Non-reinforced Tubing

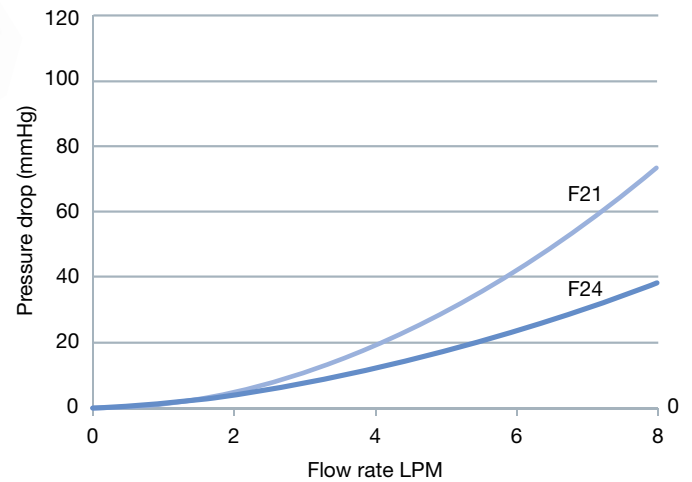


CANNULA TIP SIZE	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT DOWN	CONNECTOR WITH LUER VENT UP	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
21 Fr/ 7 mm	A281-70C	A281-70B	-	3/8"	24	10	Depends on Country Registration
24 Fr/ 8 mm	A281-80C	A281-80B	A281-80A	3/8"	25	10	Depends on Country Registration

*Connectors reference pag. 4

ADULT CANNULAE - ARTERIAL CANNULAE

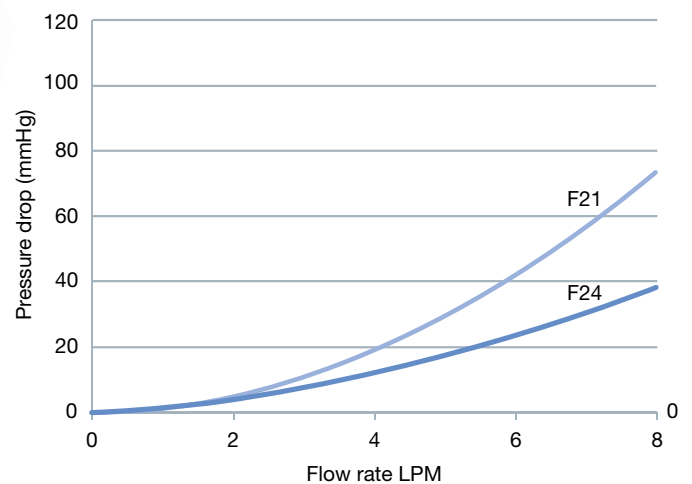
Optiflow Arterial Cannulae Straight Tip, Wire-reinforced Tubing



CANNULA TIP SIZE	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT DOWN	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
21 Fr/ 7 mm	A292-70C	A292-70B	3/8"	24	10	Depends on Country Registration
24 Fr/ 8 mm	A292-80C	A292-80B	3/8"	25	10	Depends on Country Registration

*Connectors reference pag. 4

Optiflow Arterial Cannulae Straight Tip, Non-reinforced Tubing



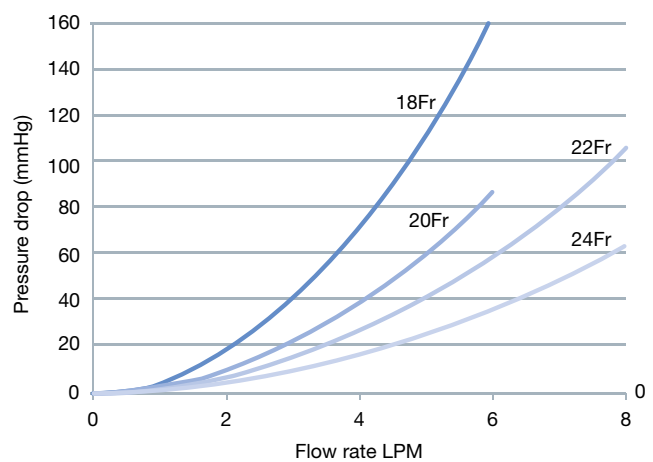
CANNULA TIP SIZE	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT DOWN	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
21 Fr/ 7 mm	A291-70C	A291-70B	3/8"	24	10	Depends on Country Registration
24 Fr/ 8 mm	A291-80C	A291-80B	3/8"	25	10	Depends on Country Registration

*Connectors reference pag. 4

Curved Tip Arterial Cannulae

LivaNova Curved Arterial Cannulae allow for high flow rate and low resistance, as well as easy handling during insertion. They are available with reinforced tubing. Depending on country registration, an optional phospholipid coating may be available. Note on ordering: coated products have a "B" before their reference code. For more information, please contact your local sales representative.

PureFlex™ Arterial Cannulae Curved Tip with Suture Flange, Wire-reinforced Tubing

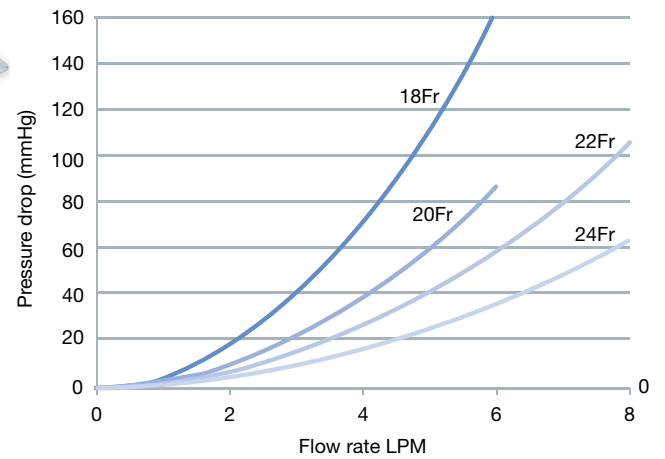


CANNULA TIP SIZE	POROUS VENT PLUG	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
18 Fr/6.0 mm	RA18-2BP	RA18-2BC	RA18-2BB	3/8"	21.6	10	no
20 Fr/6.5 mm	RA20-2BP	RA20-2BC	RA20-2BB	3/8"	21.6	10	no
22 Fr/ 7.3 mm	RA22-2BP	RA22-2BC	RA22-2BB	3/8"	21.6	10	no
24 Fr/8.0 mm	RA24-2BP	RA24-2BC	RA24-2BB	3/8"	21.6	10	no

*Connectors reference pag. 4

ADULT CANNULAE - ARTERIAL CANNULAE

PureFlex™ Arterial Cannulae
Curved Tip with Suture Collar,
Wire-reinforced Tubing

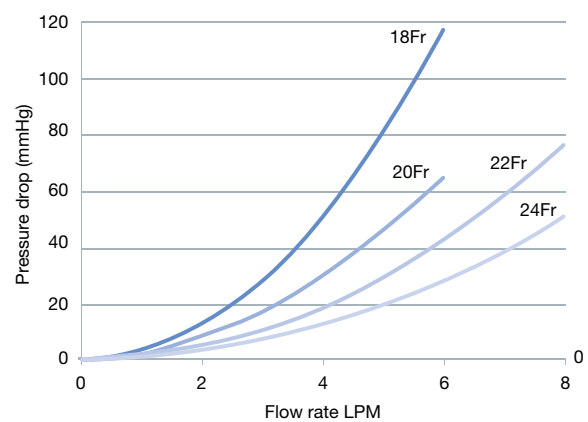


CANNULA TIP SIZE	POROUS VENT PLUG	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
18 Fr/6.0 mm	RA18-1BP	RA18-1BC	RA18-1BB	3/8"	21.6	10	no
20 Fr/6.5 mm	RA20-1BP	RA20-1BC	RA20-1BB	3/8"	21.6	10	no
22 Fr/ 7.3 mm	RA22-1BP	RA22-1BC	RA22-1BB	3/8"	21.6	10	no
24 Fr/8.0 mm	RA24-1BP	RA24-1BC	RA24-1BB	3/8"	21.6	10	no

Straight Tip Arterial Cannulae

LivaNova Straight Arterial Cannulae allow for high flow rate and low resistance, as well as easy handling during insertion. They are available with wire-reinforced tubing. Depending on country registration, an optional phospholipid coating may be available to help improve biocompatibility. Note on ordering: coated products have a "B" before their reference code. For more information, please contact your local sales representative.

PureFlex™ Arterial Cannulae Straight Tip with Suture Collar, Wire-reinforced Tubing



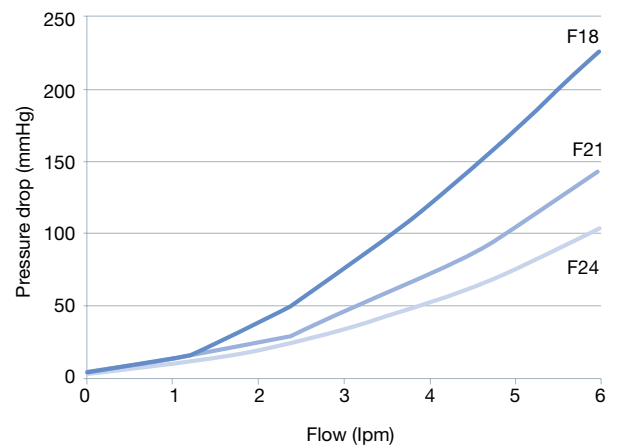
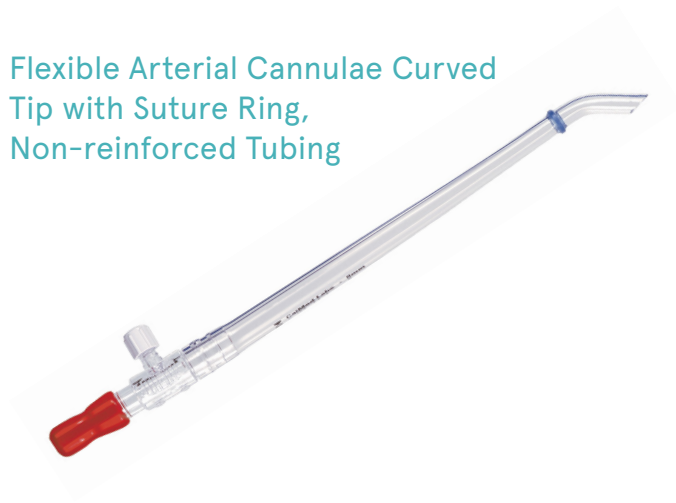
CANNULA TIP SIZE	POROUS VENT PLUG	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
18 Fr/6.0 mm	RA18-1SP	RA18-1SC	RA18-1SB	3/8"	21.6	10	no
20 Fr/6.5 mm	RA20-1SP	RA20-1SC	RA20-1SB	3/8"	21.6	10	no
22 Fr/ 7.3 mm	RA22-1SP	RA22-1SC	RA22-1SB	3/8"	21.6	10	no
24 Fr/8.0 mm	RA24-1SP	RA24-1SC	RA24-1SB	3/8"	21.6	10	no

*Connectors reference pag. 4

Flexible Arterial Cannulae

LivaNova Flexible Tip Arterial Cannulae allow for high flow rate and low resistance, as well as easy handling during insertion. They are available without wire reinforced tubing. For more information, please contact your local sales representative.

Flexible Arterial Cannulae Curved Tip with Suture Ring, Non-reinforced Tubing

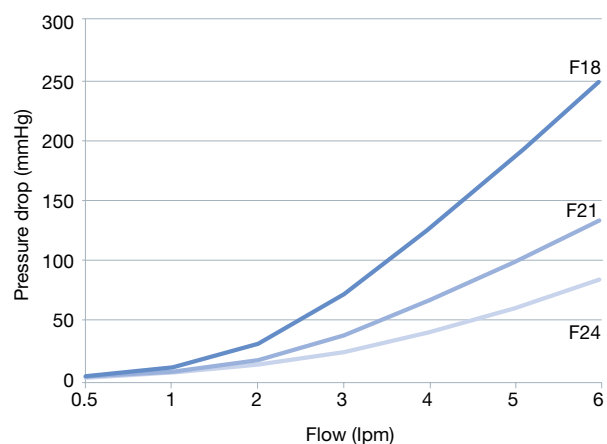


CANNULA TIP SIZE	POROUS VENT PLUG	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT	CONNECTOR SIZE/ ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
18 Fr/ 6 mm	NA-5516	NA-5526	NA-5536	3/8"	25	10	no
21 Fr/ 7 mm	NA-5517	NA-5527	NA-5537	3/8"	25	10	no
24 Fr/ 8 mm	NA-5518	NA-5528	NA-5538	3/8"	25	10	no

*Connectors reference pag. 4

ADULT CANNULAE - ARTERIAL CANNULAE

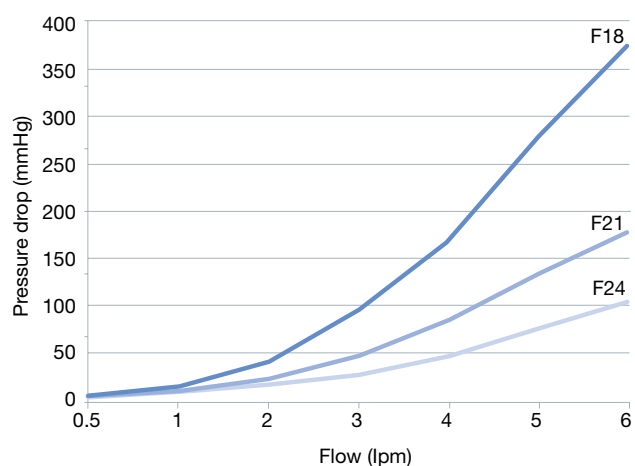
Flexible Arterial Cannulae Straight Tip with Suture Ring, Non-reinforced Tubing



CANNULA TIP SIZE	POROUS VENT PLUG	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT	CONNECTOR SIZE/ ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
18 Fr/ 6 mm	NA-4516	NA-4526	NA-4536	3/8"	25	10	no
21 Fr/ 7 mm	NA-4517	NA-4527	NA-4537	3/8"	25	10	no
24 Fr/ 8 mm	NA-4518	NA-4528	NA-4538	3/8"	25	10	no

*Connectors reference pag. 4

Flexible Arterial Cannulae Straight Tip with Moveable Suture Ring, Non-reinforced Tubing



CANNULA TIP SIZE	POROUS VENT PLUG	CONNECTOR WITHOUT LUER VENT	CONNECTOR WITH LUER VENT	CONNECTOR SIZE/ ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
18 Fr/ 6 mm	NA-3416	NA-3426	NA-3436	3/8"	25	10	no
21 Fr/ 7 mm	NA-3417	NA-3427	NA-3437	3/8"	25	10	no
24 Fr/ 8 mm	NA-3418	NA-3428	NA-3438	3/8"	25	10	no

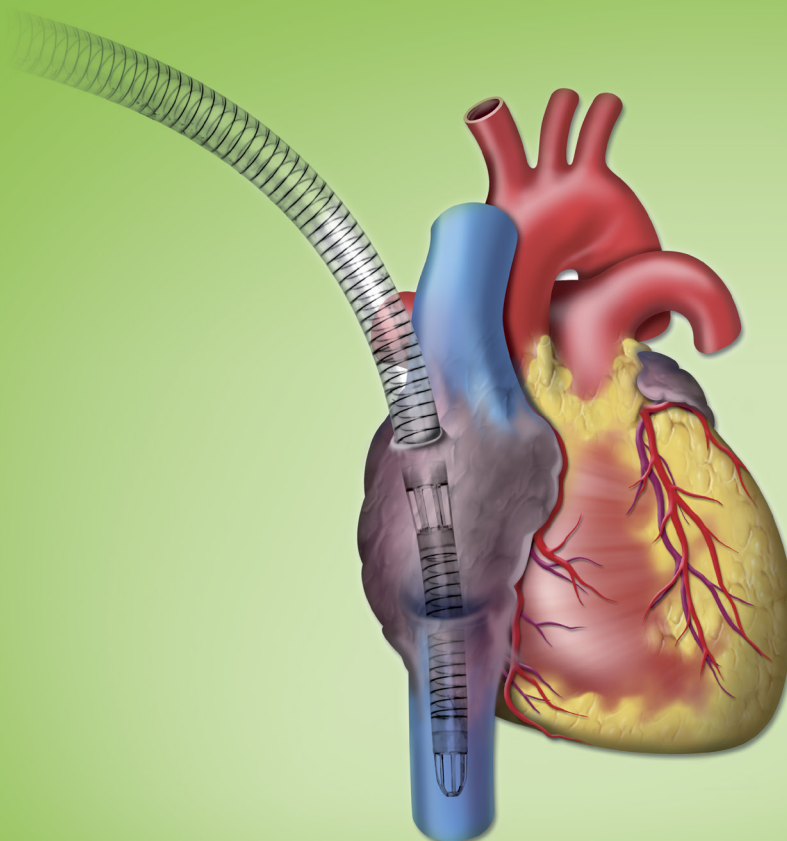
*Connectors reference pag. 4

VENOUS RETURN CANNULAE

LivaNova Adult Venous Return Cannulae are intended for adult venous direct cannulation and are available with different tip configurations: triple stage, dual stage, single stage, swirled grooved tips. All cannulae are available with or without pre-attached connector. Depending on country registration, an optional phospholipid coating may be available.

Note on ordering: coated products have a "B" before their reference code.

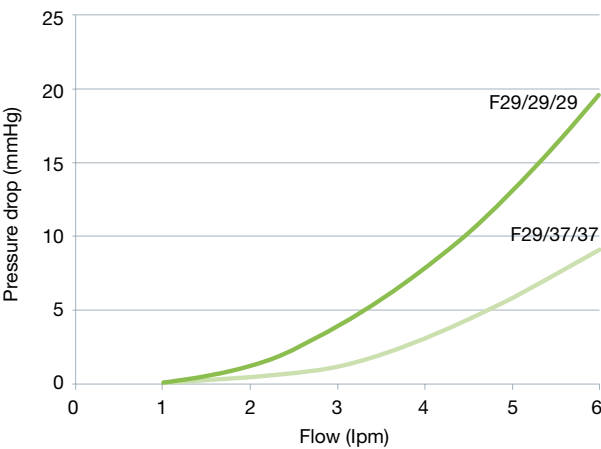
For more information, please contact your local sales representative.



Triple Stage Venous Return Cannulae

LivaNova Triple Stage Venous Return Cannulae, with wire-reinforced tubing and with or without connector, feature a third point of drainage for optimal flow performance. The innovative distal tip is softer, yet it adds rigidity to prevent collapse during vacuum assistance procedure.

Triple Stage
Venous Return,
Wire-reinforced Tubing

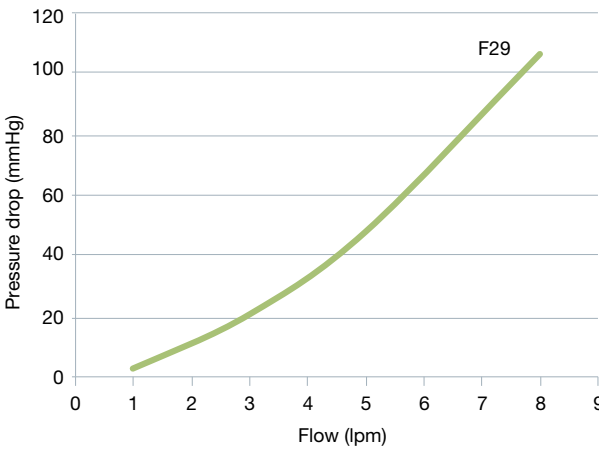


CANNULA SIZE	WITHOUT CONNECTOR	WITH CONNECTOR	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
29/29/29 Fr	RTS-11029	RTS-11129	3/8"	41 cm	10	no
29/37/37 Fr	RTS-13029	RTS-13129	1/2"	41 cm	10	no

Optiflow Venous Return Cannulae

LivaNova Optiflow Venous Return Cannula is intended for atrial caval cannulation, with gravity or vacuum-assisted venous drainage. A one-piece swirled and grooved tip with multiple holes improves drainage regardless of heart position. Depending on country registration, an optional phospholipid coating may be available. Note on ordering: coated products have a "B" before their reference code. For more information, please contact your local sales representative.

Optiflow
Venous Return Cannulae



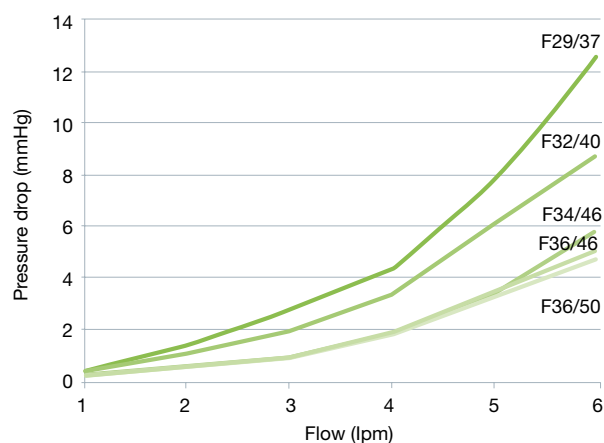
CANNULA SIZE	WITHOUT CONNECTOR	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
29 Fr	V182-29	3/8"	39	10	Depends on Country Registration

Dual Stage Venous Return Cannulae

LivaNova Dual Stage Venous Return Cannulae are designed for venous drainage of the right atrium and vena cava with a single cannula. They are available with wire-reinforced tubing, one piece construction with lighthouse tip or with a flexible basket drainage point. Depending on country registration, an optional phospholipid coating may be available. Note on ordering: coated products have a "B" before their reference code.

For more information, please contact your local sales representative.

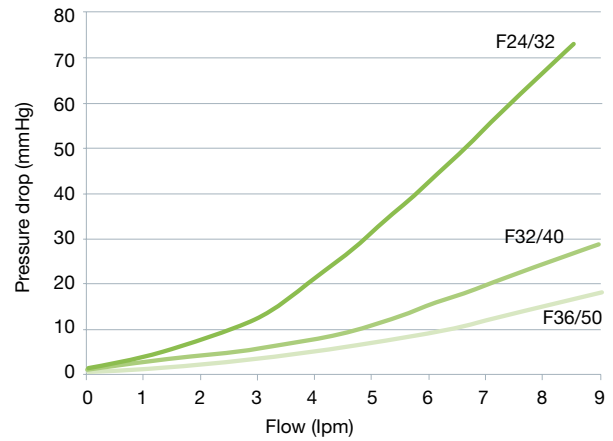
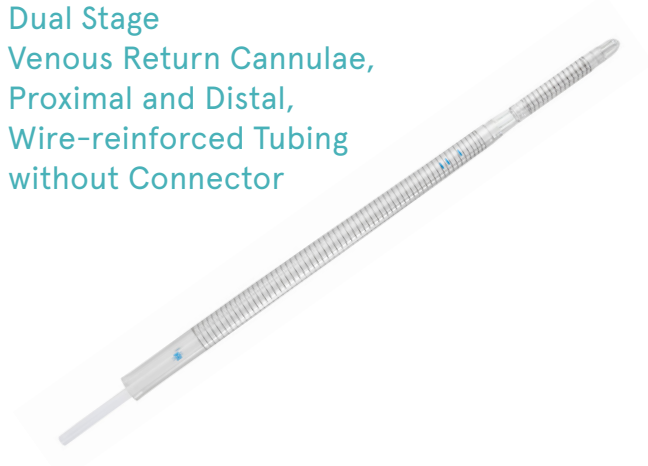
Dual Stage
Venous Return Cannulae,
Wire-reinforced Tubing



CANNULA SIZE	WITH CONNECTOR	WITHOUT CONNECTOR	CONNECTOR SIZE/ ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
29/37 Fr	RDS-61137	RDS-61037	1/2"	41	10	no
32/40 Fr	RDS-61140	RDS-61040	1/2"	41	10	no
34/46 Fr	RDS-61134	RDS-61034	1/2"	41	10	no
36/46 Fr	RDS-61146	RDS-61046	1/2"	41	10	no
36/50 Fr	RDS-61150	RDS-61050	1/2"	41	10	no

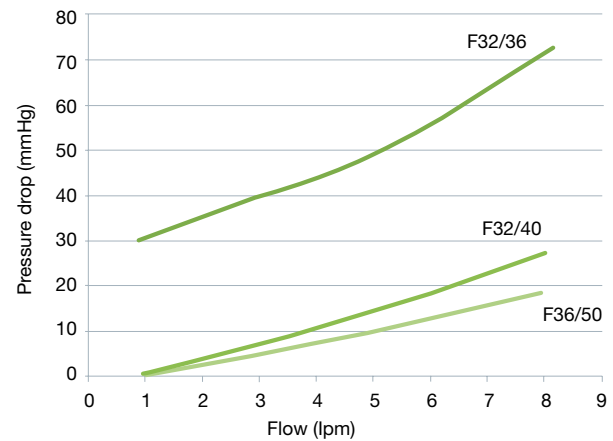
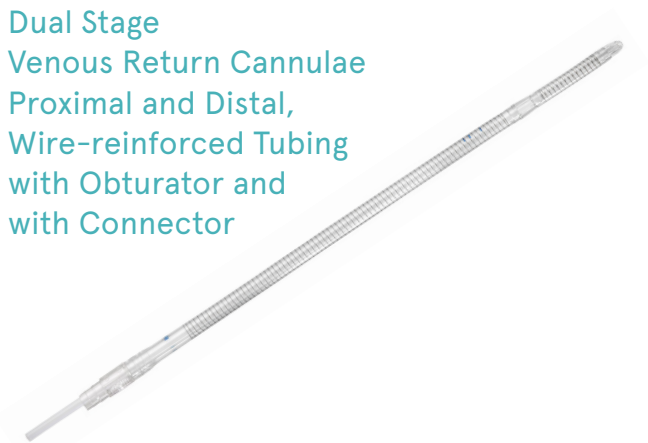
ADULT CANNULAE - VENOUS RETURN CANNULAE

Dual Stage
Venous Return Cannulae,
Proximal and Distal,
Wire-reinforced Tubing
without Connector



CANNULA SIZE	CATALOG N°	CONNECTOR ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
24/32 Fr	V112-32	3/8"	44	10	Depends on Country Registration
32/40 Fr	V112-40	1/2"	41	10	Depends on Country Registration
36/50 Fr	V112-50	1/2"	41	10	Depends on Country Registration

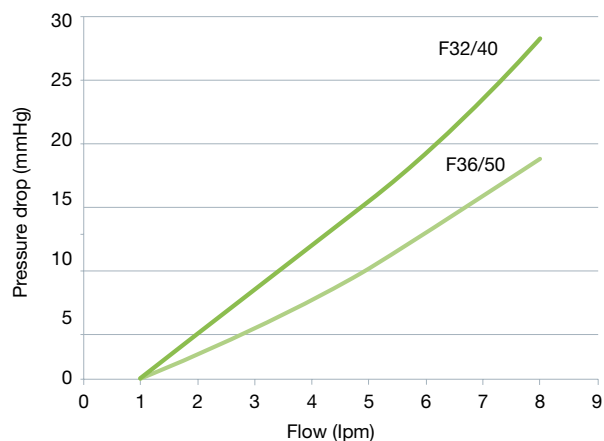
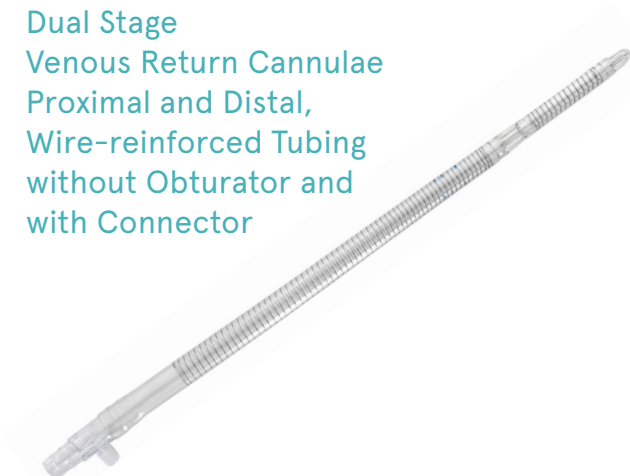
Dual Stage
Venous Return Cannulae
Proximal and Distal,
Wire-reinforced Tubing
with Obturator and
with Connector



CANNULA SIZE	CATALOG N°	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
32/36 Fr	V900-284	1/2"	47	10	Depends on Country Registration
32/40 Fr	V900-99	1/2"	41	10	Depends on Country Registration
36/50 Fr	V900-134	1/2"	41	10	Depends on Country Registration

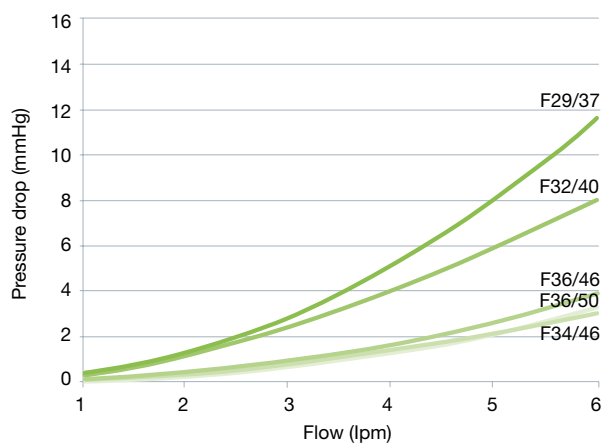
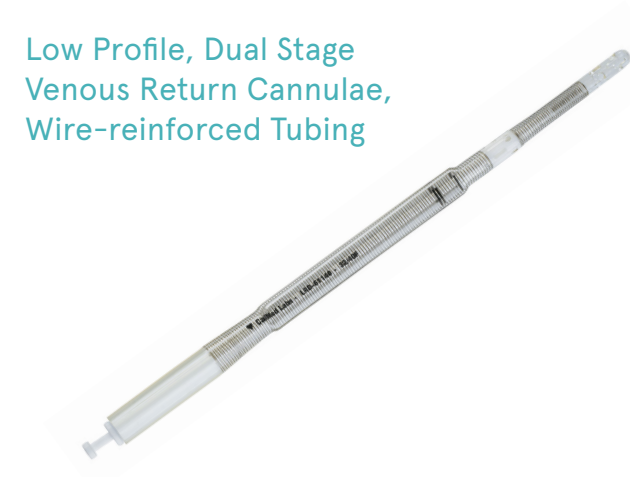
ADULT CANNULAE - VENOUS RETURN CANNULAE

Dual Stage
Venous Return Cannulae
Proximal and Distal,
Wire-reinforced Tubing
without Obturator and
with Connector



CANNULA SIZE	WITH CONNECTOR	WITH CONNECTOR AND LUER VENT	CONNECTOR SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
32/40 Fr	V900-49	V900-19	1/2"	41	10	Depends on Country Registration
36/50 Fr	V900-11	-	1/2"	41	10	Depends on Country Registration

Low Profile, Dual Stage
Venous Return Cannulae,
Wire-reinforced Tubing



CANNULA SIZE	WITH CONNECTOR	WITHOUT CONNECTOR	CONNECTOR SIZE/ ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
29/37 Fr	LRD-61137	LRD-61037	1/2"	41	10	no
32/40 Fr	LRD-61140	LRD-61040	1/2"	41	10	no
34/46 Fr	LRD-61134	LRD-61034	1/2"	41	10	no
36/46 Fr	LRD-61146	LRD-61046	1/2"	41	10	no
36/50 Fr	LRD-61150	LRD-61050	1/2"	41	10	no

Single Stage Venous Return Cannulae

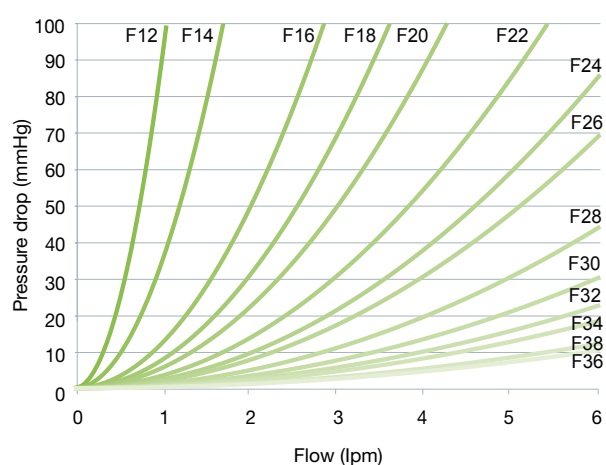
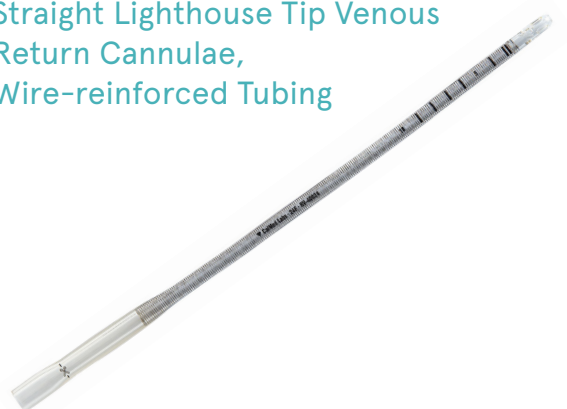
LivaNova Single Stage Venous Return Cannulae are provided with straight and right angled tip, with reinforced tubing. The wire-reinforced tubing mitigates the risk of kinking due to twisting during the procedure.

Depending on country registration, an optional phospholipid coating may be available.

Note on ordering: coated products have a "B" before their reference code.

For more information, please contact your local sales representative.

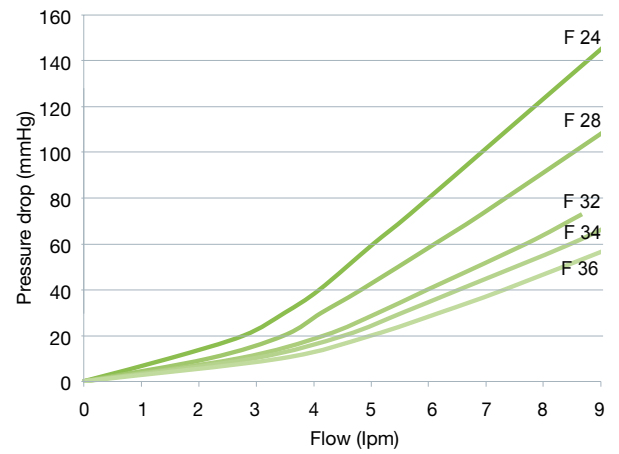
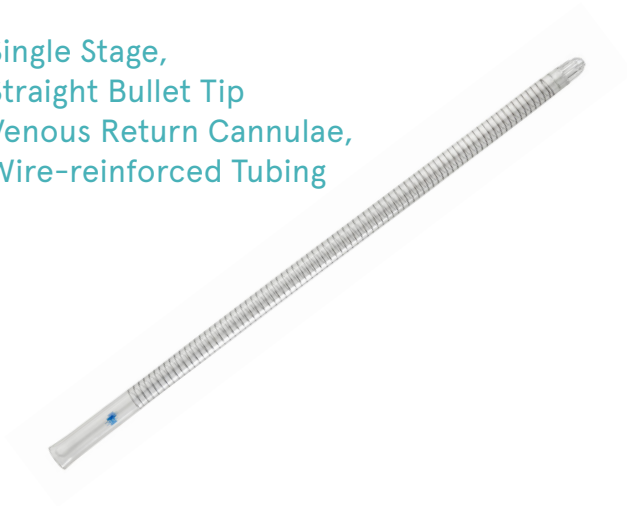
Single Stage,
Straight Lighthouse Tip Venous
Return Cannulae,
Wire-reinforced Tubing



CANNULA SIZE	CATALOG N°	CONNECTOR ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
12 Fr	RV-40012	1/4"	30.5	10	no
14 Fr	RV-40014	1/4"	30.5	10	no
16 Fr	RV-40016	1/4"	30.5	10	no
18 Fr	RV-40018	1/4"-3/8"	36	10	no
20 Fr	RV-40020	1/4"-3/8"	36	10	no
22 Fr	RV-40022	1/4"-3/8"	36	10	no
24 Fr	RV-40024	1/4"-3/8"	36	10	no
26 Fr	RV-40026	3/8"	41	10	no
28 Fr	RV-40028	3/8"	41	10	no
30 Fr	RV-40030	3/8"	41	10	no
32 Fr	RV-40032	3/8"	41	10	no
34 Fr	RV-40034	3/8"	41	10	no
36 Fr	RV-40036	1/2"	41	10	no
36 Fr	RV-40536	3/8"	41	10	no
38 Fr	RV-40038	3/8"	41	10	no

ADULT CANNULAE - VENOUS RETURN CANNULAE

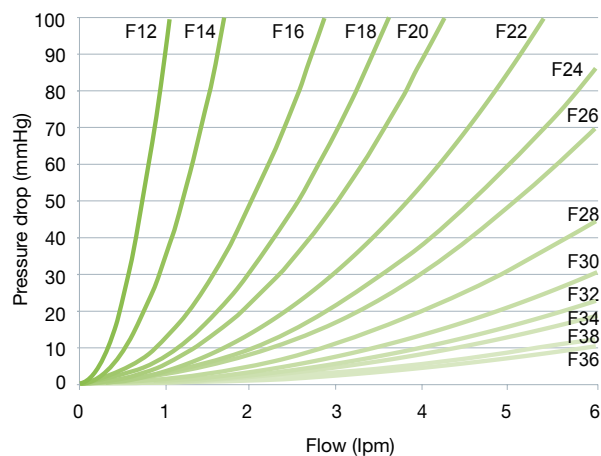
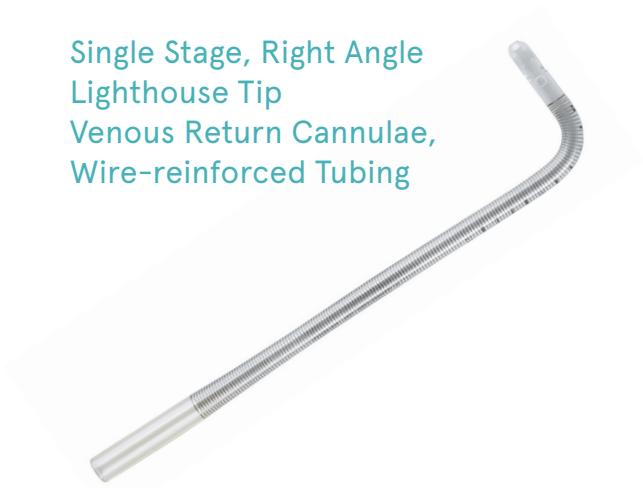
Single Stage,
Straight Bullet Tip
Venous Return Cannulae,
Wire-reinforced Tubing



CANNULA SIZE	CATALOG N°	CATALOG N° WITH SUTURE RING	CONNECTOR ACCEPTANCE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
24 Fr	V122-24	-	3/8"	38	10	Depends on Country Registration
28 Fr	V122-28	V900-12	3/8"	38	10	Depends on Country Registration
32 Fr	V122-32	V900-62	3/8"	38	10	Depends on Country Registration
34 Fr	V122-34	-	3/8"	39	10	Depends on Country Registration
36 Fr	V122-36	-	3/8"	39	10	Depends on Country Registration

ADULT CANNULAE - VENOUS RETURN CANNULAE

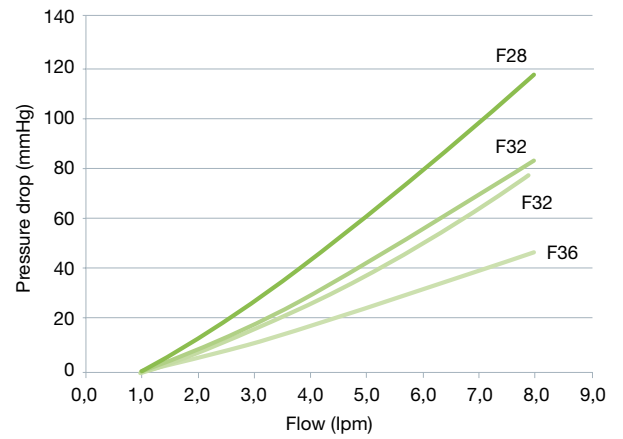
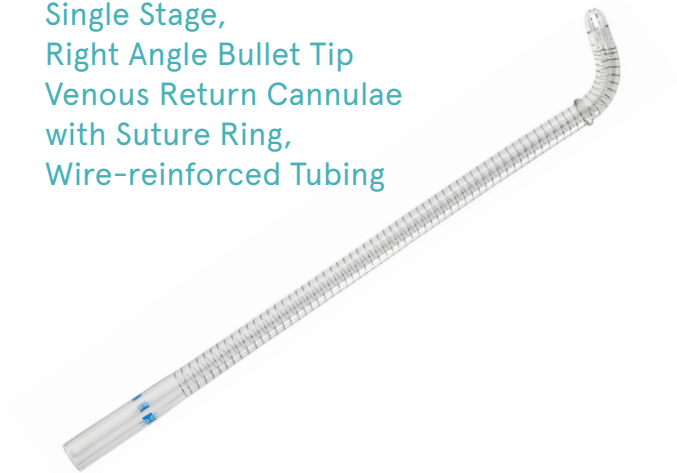
Single Stage, Right Angle
Lighthouse Tip
Venous Return Cannulae,
Wire-reinforced Tubing



CANNULA SIZE	CATALOG N°	CONNECTOR ACCEPTANCE	TIP LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
12 Fr	RV-41012	1/4"	2.5	10	no
14 Fr	RV-41014	1/4"	2.5	10	no
16 Fr	RV-41016	1/4"	2.5	10	no
18 Fr	RV-41018	1/4"-3/8"	3	10	no
20 Fr	RV-41020	1/4"-3/8"	3.5	10	no
22 Fr	RV-41022	1/4"-3/8"	3.5	10	no
24 Fr	RV-41024	1/4"-3/8"	4	10	no
26 Fr	RV-41026	3/8"	4	10	no
28 Fr	RV-41028	3/8"	4	10	no
30 Fr	RV-41030	3/8"	5.5	10	no
32 Fr	RV-41032	3/8"	5.5	10	no
34 Fr	RV-41034	3/8"	5.5	10	no
36 Fr	RV-41036	1/2"	6	10	no
38 Fr	RV-41038	3/8"	6	10	no

ADULT CANNULAE - VENOUS RETURN CANNULAE

Single Stage,
Right Angle Bullet Tip
Venous Return Cannulae
with Suture Ring,
Wire-reinforced Tubing



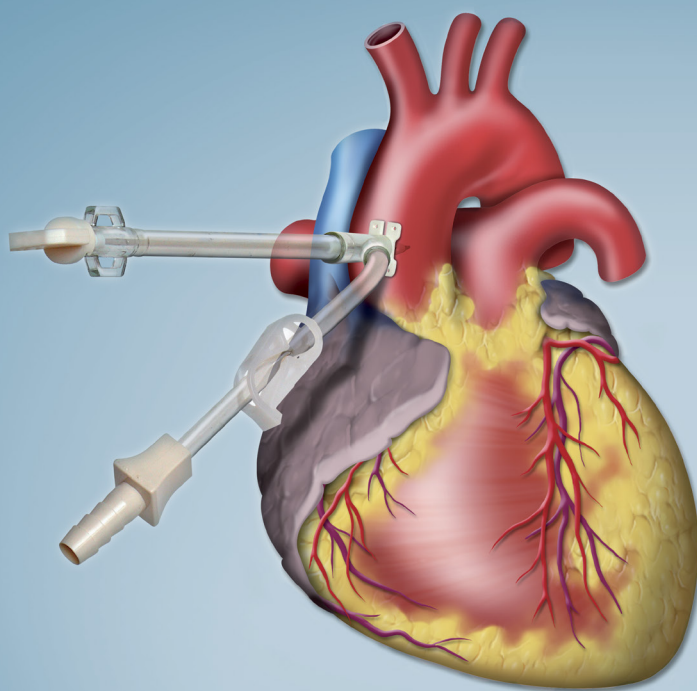
CANNULA SIZE	CATALOG N°	CONNECTOR ACCEPTANCE	ANGLED TIP LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
28 Fr	V900-01	3/8"	1.15	10	Depends on Country Registration
32 Fr	V900-02	3/8"	1.4	10	Depends on Country Registration
32 Fr	V152-32	3/8"	8.5	10	Depends on Country Registration
36 Fr	V152-36	3/8"	8.6	10	Depends on Country Registration

CARDIOPLEGIA PRODUCTS

LivaNova Adult Cardioplegia Cannulae are intended for cardioplegia delivery and myocardial protection during extra corporeal circulation in adult patients and are available in a wide range of configurations suitable for both antegrade and retrograde techniques. Depending on country registration, an optional phospholipid coating may be available.

Note on ordering: coated products have a "B" before their reference code.

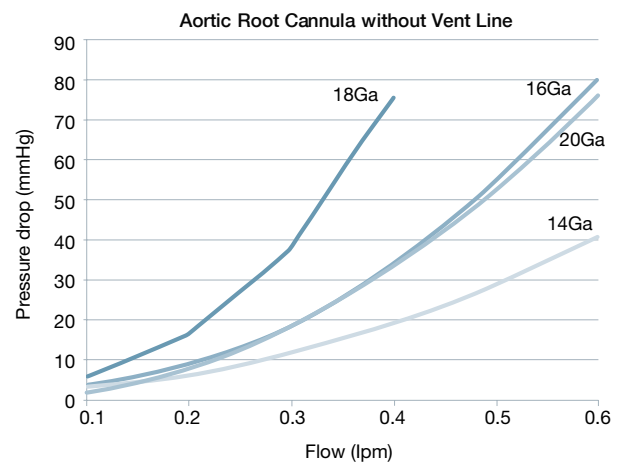
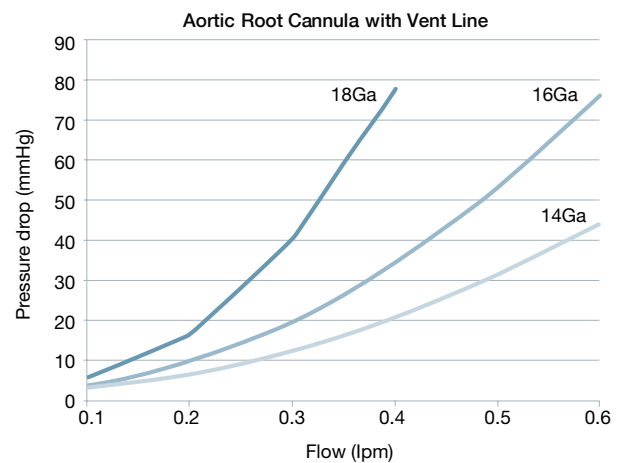
For more information, please contact your local sales representative.



Antegrade Cardioplegia Aortic Root Cannulae

LivaNova Antegrade Cardioplegia Aortic Root Cannulae are intended for rapid and secure cardioplegia perfusion of the coronary arteries. Depending on country registration, an optional phospholipid coating may be available. Note on ordering: coated products have a "B" before their reference code. For more information, please contact your local sales representative.

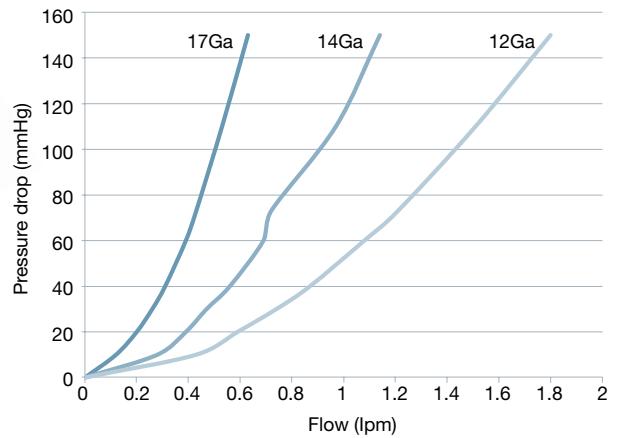
Aortic Root Cannulae with & without Vent Line



CANNULA TIP SIZE	INSERTION NEEDLE	WITHOUT VENT LINE	WITH VENT LINE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
12 Ga (9 Fr)	14 Ga - Green	AR-11012	AR-11112	15	10	no
14 Ga (7 Fr)	16 Ga - White	AR-11014	AR-11114	15	10	no
16 Ga (5 Fr)	18 Ga - Pink	AR-11016	AR-11116	15	10	no
18 Ga (4 Fr)	20 Ga - Gold	AR-11018	-	13	10	no

ADULT CANNULAE - CARDIOPLEGIA PRODUCTS

Aortic Root Cannulae



CANNULA TIP OUTER DIAMETER	INSERTION NEEDLE	WITHOUT VENT LINE	WITH VENT LINE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
3.1 mm	17 Ga	R501-15	R502-15	13	10	Depends on Country Registration
3.7 mm	14 Ga	R501-20	R502-20	13	10	Depends on Country Registration
4.0 mm	12 Ga	R501-26	R502-26	13	10	Depends on Country Registration

Aortic Root Cannulae with Vent Line, with Overpressure Safety Valve



CANNULA TIP OUTER DIAMETER	INSERTION NEEDLE	WITH VENT LINE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
3.1 mm	17 Ga	R900-05	13	10	Depends on Country Registration
3.7 mm	14 Ga	R900-06	13	10	Depends on Country Registration
4.0 mm	12 Ga	R900-07	13	10	Depends on Country Registration

Vessel Cannulae

LivaNova Vessel Cannulae are intended for antegrade selective vein graft. They are made of a soft PVC tube, with a soft and flexible distal tip, designed to perfuse vessels from 3.0 to 3.6 mm in diameter. They are available in blunt tip configuration, with or without an integral one-way-check silicone valve.

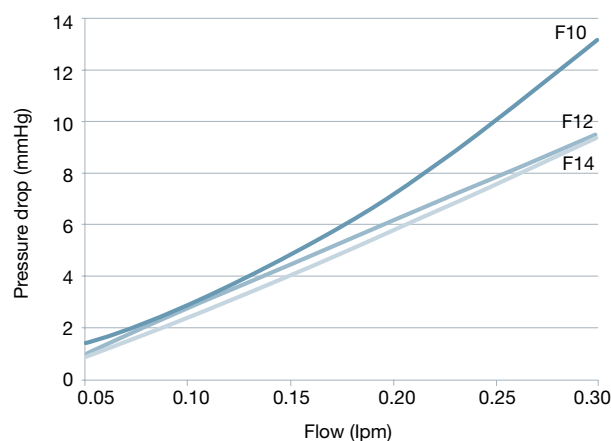


	WITHOUT WINGS WITHOUT VALVE	WITH WINGS WITHOUT VALVE	WITHOUT WINGS WITH VALVE	WITH WINGS WITH VALVE	QTY PER BOX	AVAILABLE COATED
Catalog N°	VC-11000	VC-11100	VC-11010	VC-11110	30	no
Effective Length (cm)	4.1	4.1	5.8	5.8	-	-

Antegrade Cardioplegia Coronary Ostia Cannulae

LivaNova Antegrade Cardioplegia Coronary Ostia Perfusion Cannulae are intended for cardioplegia delivery into the coronary ostia. Depending on country registration, an optional phospholipid coating may be available. Note on ordering: coated products have a “B” before their reference code. For more information, please contact your local sales representative.

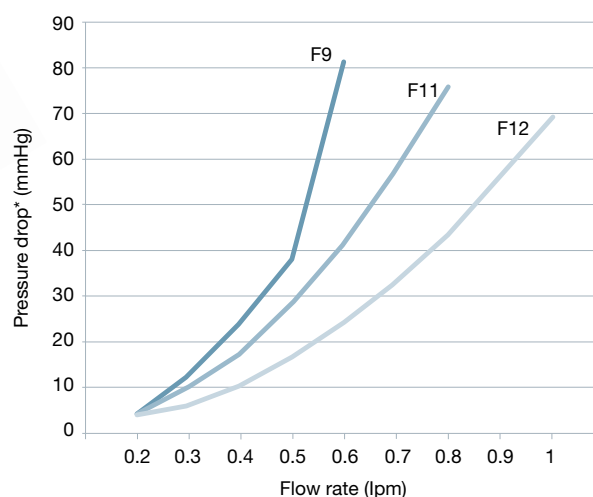
Coronary Ostia Perfusion Cannulae with Basket Tip, Stainless Steel Shaft and Female Luer Lock Connector



CANNULA TIP SIZE	45° TIP	90° TIP	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
10 Fr	CP-11010	CP-12010	female luer lock	10	no
12 Fr	CP-11012	CP-12012	female luer lock	10	no
14 Fr	CP-11014	CP-12014	female luer lock	10	no

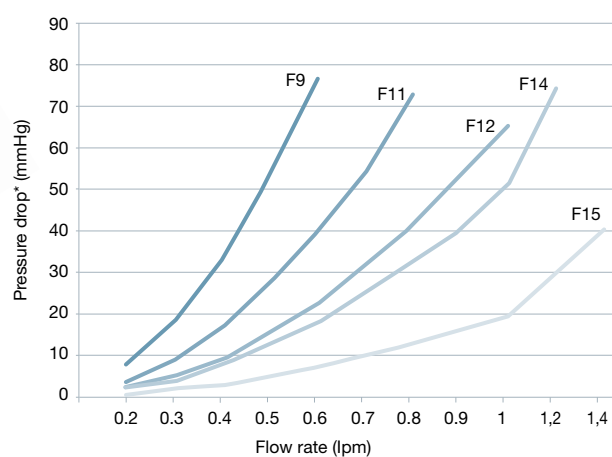
ADULT CANNULAE - CARDIOPLEGIA PRODUCTS

Coronary Ostia Perfusion Cannulae with Conical Tip, Stainless Steel Shaft and 1/4" Tubing Connector



CANNULA TIP SIZE	45° TIP	90° TIP	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
9 Fr	P608-30	P606-30	1/4" tubing connector	10	Depends on Country Registration
11 Fr	P608-35	P606-35	1/4" tubing connector	10	Depends on Country Registration
12 Fr	P608-40	P606-40	1/4" tubing connector	10	Depends on Country Registration

Coronary Ostia Perfusion Cannulae with Conical Tip, Stainless Steel Shaft and Female Luer Lock Connector

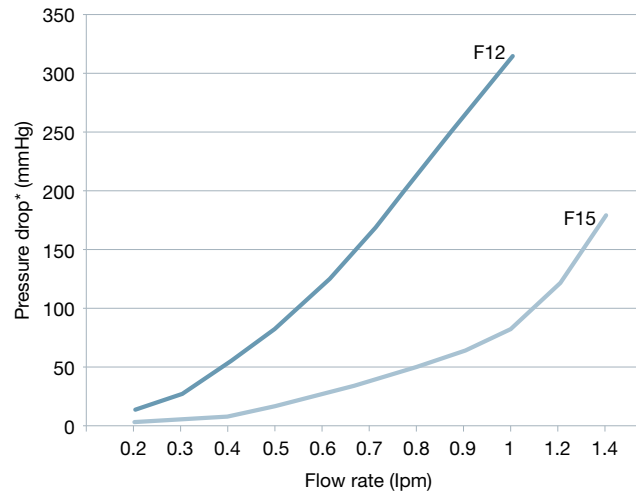


CANNULA TIP SIZE	45° TIP	90° TIP	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
9 Fr	P618-30	P616-30	female luer lock	10	Depends on Country Registration
11 Fr	P618-35	P616-35	female luer lock	10	Depends on Country Registration
12 Fr	P618-40	P616-40	female luer lock	10	Depends on Country Registration
14 Fr	P618-45	P616-45	female luer lock	10	Depends on Country Registration
15 Fr	P618-50	P616-50	female luer lock	10	Depends on Country Registration

* These values refer to the 45° tip

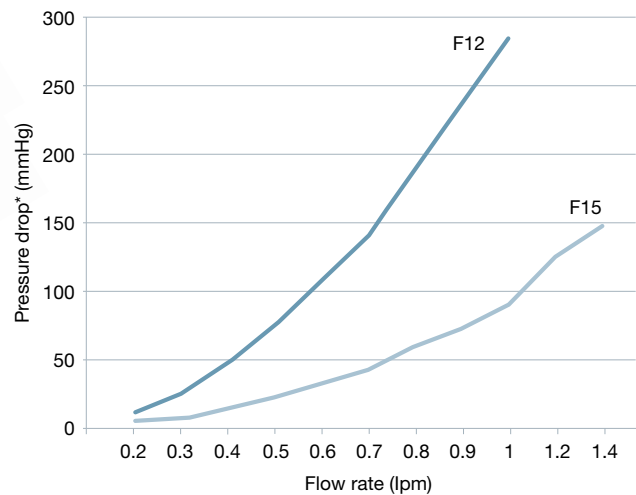
ADULT CANNULAE - CARDIOPLEGIA PRODUCTS

Coronary Ostia Perfusion Cannulae with 3D Tip, Stainless Steel Shaft and 1/4" Tubing Connector



CANNULA TIP SIZE	45° TIP	90° TIP	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
12 Fr	P604-40	P602-40	1/4" tubing connector	10	Depends on Country Registration
15 Fr	P604-50	P602-50	1/4" tubing connector	10	Depends on Country Registration

Coronary Ostia Perfusion Cannulae with 3D Tip, Stainless Steel Shaft and Female Luer Lock Connector

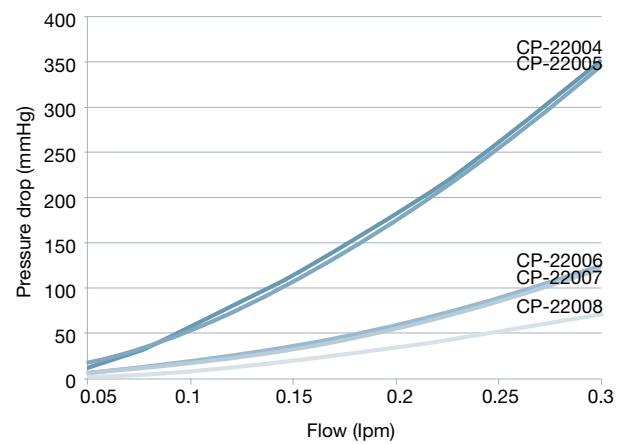
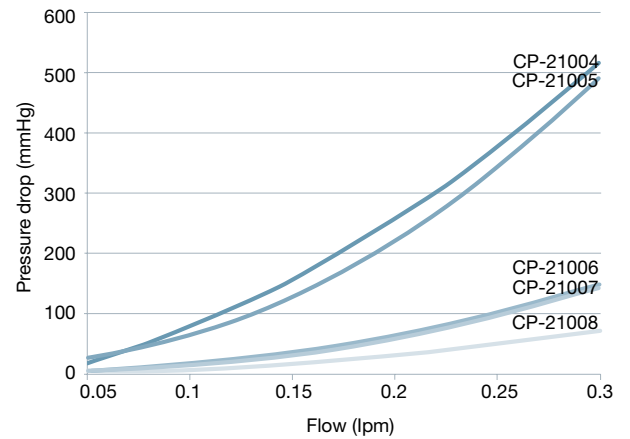


CANNULA TIP SIZE	45° TIP	90° TIP	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
12 Fr	P614-40	P612-40	female luer lock	10	Depends on Country Registration
15 Fr	P614-50	P612-50	female luer lock	10	Depends on Country Registration

* These values refer to the 45° tip

ADULT CANNULAE - CARDIOPLEGIA PRODUCTS

Coronary Ostia Perfusion Cannulae with Balloon Tip, Plastic Tubing and Female Luer Lock Connector



BALLOON SIZE	DISTAL CANNULAE TIP SIZE	STRAIGHT TIP	RIGHT ANGLE TIP	QTY PER BOX	AVAILABLE COATED
4.0 mm	2.1 mm	CP-21004	CP-22004	10	no
5.0 mm	2.1 mm	CP-21005	CP-22005	10	no
6.0 mm	3.0 mm	CP-21006	CP-22006	10	no
7.0 mm	3.0 mm	CP-21007	CP-22007	10	no
8.0 mm	3.5 mm	CP-21008	CP-22008	10	no

Retrograde Cardioplegia Cannulae

LivaNova Cardioplegia Retrograde Cannulae are intended for cardioplegia delivery into the coronary sinus. They are available with either a self- or manually-inflating balloon.

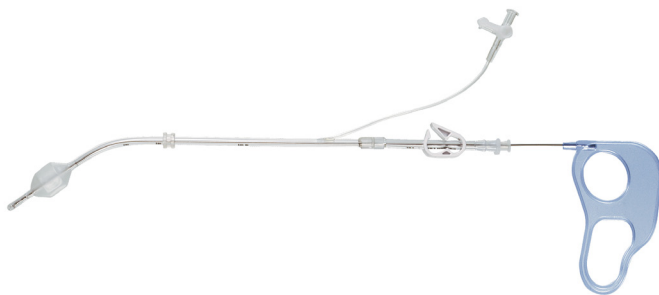
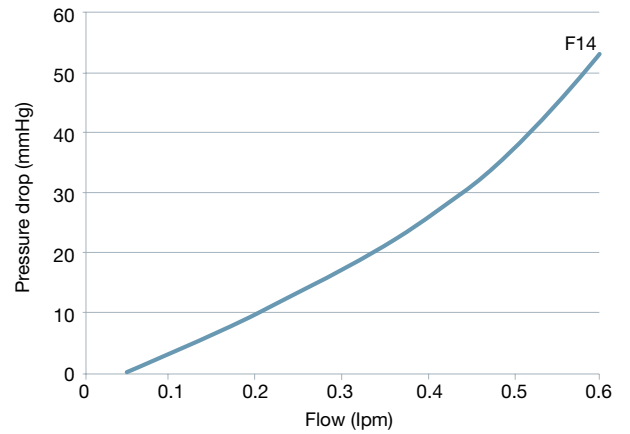
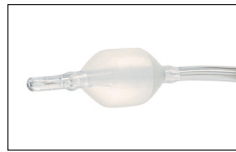
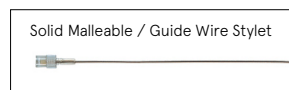
CIRCINUS™ Retrograde Cardioplegia Cannulae with Manually-Inflating Silicone Balloon



CANNULA TIP SIZE	WITHOUT STYLET	GUIDEWIRE STYLET W/O HANDLE	SOLID MALLEABLE STYLET W/O HANDLE	GUIDEWIRE STYLET W/LOW PROFILE HANDLE	SOLID MALLEABLE STYLET W/LOW PROFILE HANDLE	SOLID MALLEABLE STYLET W/HANDLE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
15 Fr	-	RCM-14115	RCM-14215	RCM-14915	RCM-14815	RCM-14315	30.5	10	no

ADULT CANNULAE - CARDIOPLEGIA PRODUCTS

Retrograde Cardioplegia Cannulae with Self-Inflating PVC Balloon

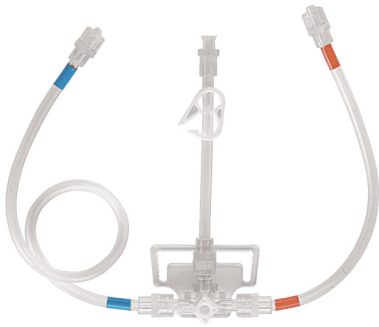


CANNULA TIP SIZE	BALLOON DIAMETER	COILED WIRE STYLET	SOLID MALLEABLE STYLET	SOLID MALLEABLE STYLET WITH HANDLE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
14 Fr	14 mm	RCS-11114	RCS-11214	RCS-11314	30.5	5	no
14 Fr	18 mm	RCS-12114	RCS-12214	RCS-12314	30.5	5	no
14 Fr	20 mm	RCS-13114	RCS-13214	RCS-13314	30.5	5	no

Antegrade/Retrograde Cardioplegia Perfusion Adapters

LivaNova Antegrade/Retrograde Perfusion Adapters are intended for selective delivery of either antegrade or retrograde cardioplegia in conjunction with LivaNova Antegrade and Retrograde Cardioplegia Cannulae. They are available with or without pressure monitoring line.

Antegrade/Retrograde Cardioplegia Perfusion Adapter

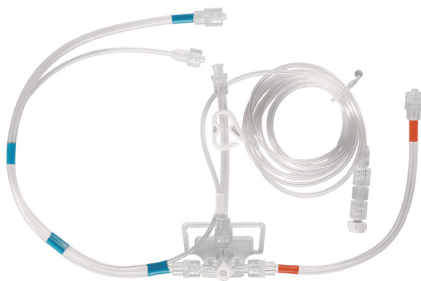


ANTEGRADE/RETROGRADE CARDIOPLEGIA PERFUSION ADAPTER

CATALOG NO.	DESCRIPTION	LENGTH
CA-80010	Antegrade/Retrograde Cardioplegia Perfusion Adapter with color coded tubing and with stopcock base plate with self adhesive tape	22 in / 55.9 cm

Each adapter is individually packaged in a peel pack with 10 sterile adapters per box.

Antegrade/Retrograde Cardioplegia Perfusion Adapter with Pressure Monitoring Line



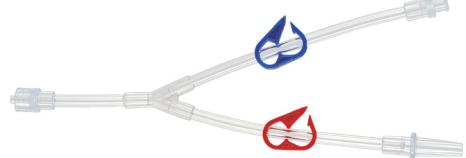
ANTEGRADE/RETROGRADE CARDIOPLEGIA PERFUSION ADAPTER WITH PRESSURE MONITORING LINE

CATALOG NO.	DESCRIPTION	LENGTH
CA-81010	Antegrade/Retrograde Cardioplegia Perfusion Adapter with 84 inches (213 cm) pressure monitoring line, color coded tubing, and stopcock base plate with self adhesive tape	22 in / 55.9 cm

Each adapter is individually packaged in a peel pack with 10 sterile adapters per box.

Cardioplegia Adapters

LivaNova Cardioplegia Adapters are designed for use in conjunction with LivaNova Antegrade Cardioplegia Aortic Root and Vessel Cannulae for delivery of cardioplegia solution and for heart venting.

RETROGRADE CARDIOPLEGIA CANNULAE, SELF-INFLATING TEXTURED POLYURETHANE BALLOON CANNULA LENGTH 12 IN / 32 CM			
	DESCRIPTION	CATALOG NO.	LENGTH
	Straight Adapter	CA-10010	5.5 in / 14 cm
	Perfusion Adapter – 1/4 in	CA-10030	2.75 in / 7 cm
	Perfusion Adapter – 3/8 in	CA-10040	2.75 in / 7 cm
	Perfusion/Venting Adapter – 1/4 in with large bore 3-way stopcock	CA-11030	4 in / 10 cm
	Perfusion "Y" Adapter	CA-20010	14 in / 35.6 cm
	Perfusion "Y" Adapter with color coded clamps, with soft tubing	CA-20070	14 in / 35.6 cm
	Recirculation "Y" Adapter	CA-20020	8.5 in / 22 cm
	Venting "Y" Adapter	CA-20030	8 in / 20 cm

ADULT CANNULAE - CARDIOPLEGIA PRODUCTS



Multiple Perfusion Adapter,
Triplicate
Multiple Perfusion Adapter,
Triplicate with Vessel Cannulae,
Cat. No. VC-11000

CA-30010

15 in / 38.1 cm

CA-31010

16.5 in / 41.9 cm



Multiple Perfusion Adapter
Multiple Perfusion Adapter with
Vessel Cannulae
Cat. No. VC-11000
Multiple Perfusion Adapter with
Vessel Cannulae
Cat. No. VC-11010

CA-40010

15 in / 38.1 cm

CA-40030

16.5 in / 41.9 cm

CA-40040

17 in / 43.2 cm



Multiple Perfusion Adapter with
Vent Line
Multiple Perfusion Adapter with
Vent Line and
Vessel Cannulae
Cat. No. VC-11000

CA-40020

15 in / 38.1 cm

CA-41020

16.5 in / 41.9 cm

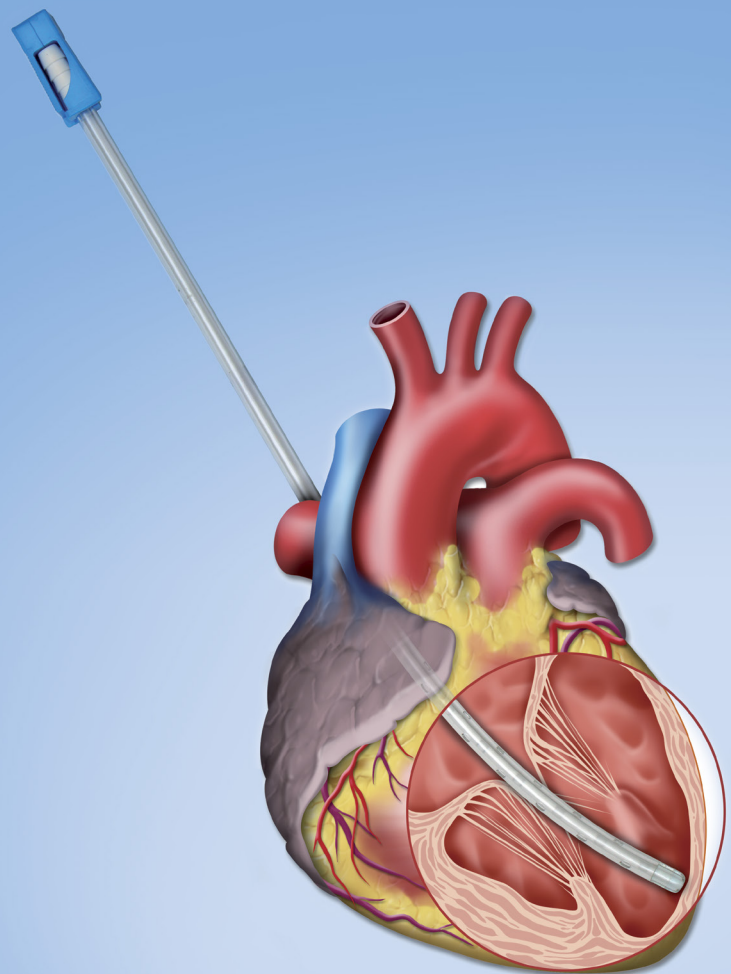
Each adapter is individually packaged in a peel pack with 10 sterile adapters per box, except for CA-10030, CA-10040 and CA-11030 which are 20 per box.

VENTS

LivaNova Adult Vents decompress the left side of the heart during on-pump cardiac surgery procedures in adult patients, and are available in a variety of configurations, either in PVC or Silicone.

LivaNova PVC Vents are available in straight, pre-bent or malleable tubing. Depending on the model, some vents are available with a removable guidewire or a malleable stylet with a two-position latching mechanism.

LivaNova Silicone Vents are made of biocompatible, soft silicone tubing. Depending on country registration, an optional phospholipid coating may be available. Note on ordering: coated products have a "B" before their reference code. For more information, please contact your local sales representative.



ADULT CANNULAE - VENTS

Ventricular Vent Catheters, Silicone Bullet Tip, with Guidewire Stylet



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
16 Fr	VT-57316	7	1/4"	38.0	10	no
20 Fr	VT-57320	7	1/4"	38.0	10	no

Ventricular Vent Catheters, Malleable Open Blunt Tip, with Internal Stylet



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
18 Fr	VT-46118	3.2	1/4"	38.1	10	no

ADULT CANNULAE - VENTS

Ventricular Vent Catheters,
PVC Open Blunt Tip,
with removeable Stylet
with Two Positions
Latching Device



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
12 Fr	VT-31212	2.5	1/4"	27.2	10	no
18 Fr	VT-53218	5.5	1/4"	36.0	10	no
18 Fr	VT-63218	10.8	1/4"	36.0	10	no

Ventricular Vent Catheters,
PVC Open Blunt Tip,
without Stylet



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
16 Fr	VT-92116	2.5	1/4"	43.0	10	no

ADULT CANNULAE - VENTS

Ventricular Vent Catheters, PVC Straight,
Bullet Tip, with Guidewire Stylet.
Right Angle, Bullet Tip, without Stylet



CANNULA SIZE	STRAIGHT WITH GUIDEWIRE STYLET	RIGHT ANGLE WITHOUT STYLET	RIGHT ANGLE LENGTH	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
10 Fr	VT-84410	VT-84510	3.8	2	1/4"	31.8	10	no
13 Fr	VT-84413	VT-84513	5.1	3.8	1/4"	31.8	10	no

Ventricular Vent Catheters,
PVC Bullet Tip, without Stylet



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
16 Fr	VT-83116	5.5	1/4"	38.0	10	no

ADULT CANNULAE - VENTS

Ventricular Vent Catheters, PVC Bullet Tip, without Stylet with venting luer lock



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
16 Fr	VT-89616	5.5	1/4"	38.0	10	no
18 Fr	VT-89618	7.0	1/4"	38.0	10	no
20 Fr	VT-89620	7.0	1/4"	38.0	10	no

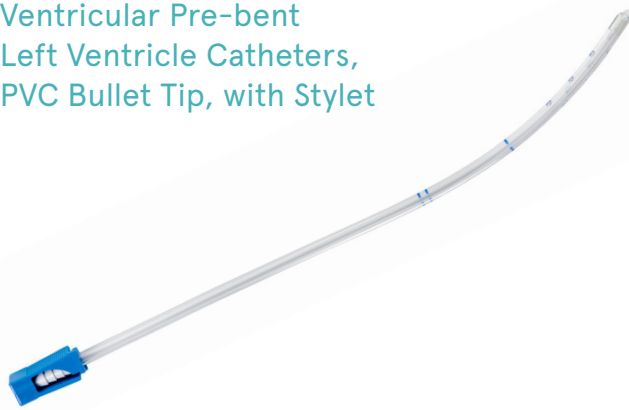
Ventricular Vent Catheters, PVC Bullet Tip, with Guidewire Stylet



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
16 Fr	VT-89416	5.5	1/4"	38.0	10	no
18 Fr	VT-89418	7.0	1/4"	38.0	10	no
20 Fr	VT-89420	7.0	1/4"	38.0	10	no

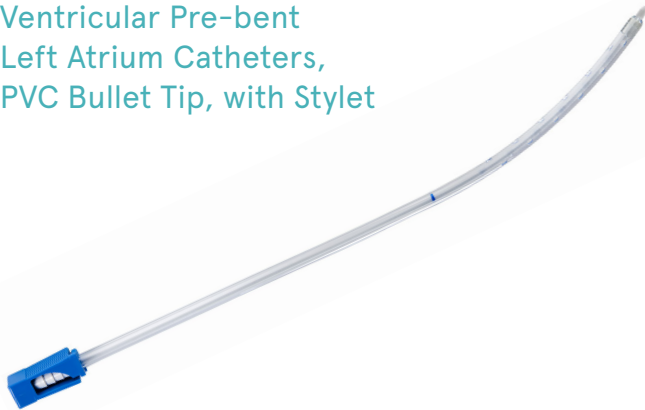
ADULT CANNULAE - VENTS

Ventricular Pre-bent
Left Ventricle Catheters,
PVC Bullet Tip, with Stylet



CANNULA SIZE	MODEL TUBING HARNESS 75 SH	MODEL TUBING HARNESS 87 SH	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
19 Fr	W410-62	W900-171	7.5	1/4"	30	10	Depends on Country Registration

Ventricular Pre-bent
Left Atrium Catheters,
PVC Bullet Tip, with Stylet



CANNULA SIZE	CATALOG N°	TIP PERFORATION (CM)	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
19 Fr	W420-62	11.5	1/4"	30	10	Depends on Country Registration

ADULT CANNULAE - VENTS

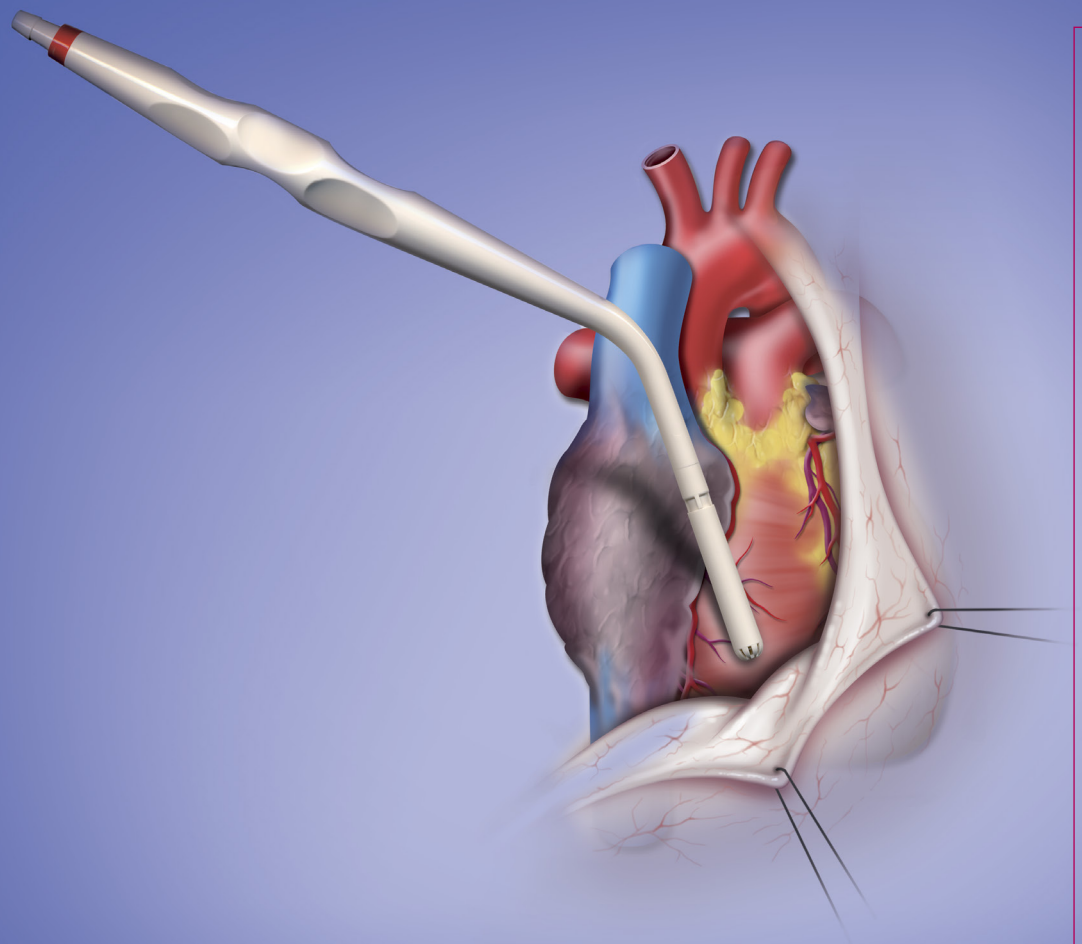
Aortic Root Aspirating Needle



MODEL	CATALOG N°	NEEDLE LENGTH (MM)	EFFECTIVE LENGTH (CM)	NEEDLE SIZE	QTY PER BOX	AVAILABLE COATED
Small	AX-30311	7	4.3	18 Ga	20	no
Standard	AX-30321	14	5.1	16 Ga	20	no

SUCTION PRODUCTS

LivaNova Adult Suction Products ensure better visualization of the surgical field and include suction wands with rigid, flexible and low profile tips, as well as a variety of intra-cardiac sumps, suckers and thoracic catheters.



Suction Wands

LivaNova Rigid- and Flex-Tip Suction Wands are intended to remove excess fluid from the surgical field. They are made of metal suction tubes with plastic handles.

The Low Profile Suction Wand has a malleable low-profile metal suction tube with a plastic handle, pre-attached tubing and clamp, and terminates with a slip-on 1/4" connector. Depending on country registration, an optional phospholipid coating may be available. Note on ordering: coated products have a "B" before their reference code. For more information, please contact your local sales representative.

Rigid Fluted Tip Suction Wand with Metal Shaft and Plastic Handle



CANNULA TIP SIZE	CATALOG N°	SLIP CONNECTOR	QTY PER BOX	AVAILABLE COATED
12.8 Fr	SU-10101	1/4"	10	no
21.7 Fr	SU-12202	1/4"	10	no

ADULT CANNULAE - SUCTION PRODUCTS

Rigid Fluted Tip Suction Wand with Plastic Handle



CANNULA TIP SIZE	CATALOG N°	BARBED CONNECTOR	QTY PER BOX	AVAILABLE COATED
21 Fr	S351-70	1/4"	10	Depends on Country Registration
21 Fr	S900-17 (2 pieces of S351-70 per package)	1/4"	10	Depends on Country Registration

Rigid Tip with No Block System Suction Wand with Plastic Handle



CANNULA TIP SIZE	CATALOG N°	BARBED CONNECTOR	QTY PER BOX	AVAILABLE COATED
24 Fr	S352-80	1/4"	10	Depends on Country Registration

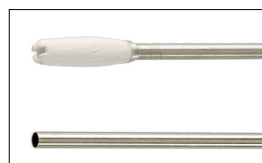
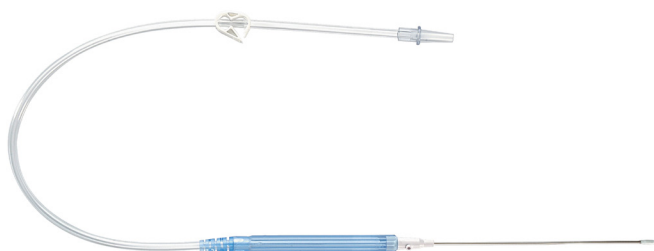
ADULT CANNULAE - SUCTION PRODUCTS

Flex Tip Suction Wand with Metal Shaft and Plastic Handle



CANNULA TIP SIZE	CATALOG N°	SLIP CONNECTOR	QTY PER BOX	AVAILABLE COATED
Small	SU-14101	1/4"	10	no
Standard	SU-18202	1/4"	10	no

Low Profile Suction Wand



MODEL	CATALOG N°	SLIP CONNECTOR	QTY PER BOX	AVAILABLE COATED
Frazier Tip	SU-26702	1/4"	10	no
Soft Tip	SU-22702	1/4"	10	no

Sumps

LivaNova Suckers and Sumps are intended to remove excess fluid from the surgical field. They are available with flexible or malleable tubing.

ATRA Sump offers a unique, atraumatic, weighted tip, designed with safety in mind.

Flexible and Malleable Sucker with Fluted Tip



CANNULA TIP SIZE	FLEXIBLE TUBING	MALLEABLE TUBING	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
21.7 Fr	SU-12402	SU-12502	1/4"	36.8	10	no

Flexible and Malleable Sump with Wire-wound Tip



MODEL	CATALOG N°	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
Flexible Tubing	SU-20601	1/8"	36.8	10	no
Flexible Tubing	SU-20602	1/4"	38	10	no
Malleable Tubing	SU-20802	1/4"	41.9	10	no

ADULT CANNULAE - SUCTION PRODUCTS

ATRASump™



MODEL	CATALOG N°	CONNECTION SIZE	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
Flexible Tubing	SU-29602	1/4"	38	10	no

ADULT CANNULAE - THORACIC CATHETERS

Thoracic Catheters, Straight



THORACIC CATHETERS, STRAIGHT CATHETER LENGTH 20.4 IN / 51.8 CM

CATHETER SIZE	CATALOG NO.	DESCRIPTION	CONNECTOR ACCEPTANCE	DRAINAGE HOLES	LENGTH OF PERFORATION
12 Fr	TC-10112	Thoracic Catheter, Straight	3/16 in	4	2.0 in / 5.0 cm
16 Fr	TC-10116	Thoracic Catheter, Straight	1/4 in	4	2.5 in / 6.0 cm
20 Fr	TC-10120	Thoracic Catheter, Straight	1/4 in	5	3.0 in / 7.5 cm
24 Fr	TC-10124	Thoracic Catheter, Straight	1/4 in	5	3.0 in / 7.5 cm
28 Fr	TC-10128	Thoracic Catheter, Straight	3/8 in	6	4.5 in / 11.0 cm
32 Fr	TC-10132	Thoracic Catheter, Straight	3/8 in	6	4.7 in / 12.0 cm
36 Fr	TC-10136	Thoracic Catheter, Straight	3/8 in	6	5.0 in / 12.5 cm
40 Fr	TC-10140	Thoracic Catheter, Straight	1/2 in	6	5.0 in / 12.5 cm

Each catheter is individually packaged in a peel pack with 10 sterile catheters per box.

ADULT CANNULAE - THORACIC CATHETERS

Thoracic Catheters, Right Angle



THORACIC CATHETERS, RIGHT ANGLE
CATHETER LENGTH 20.4 IN / 51.8 CM

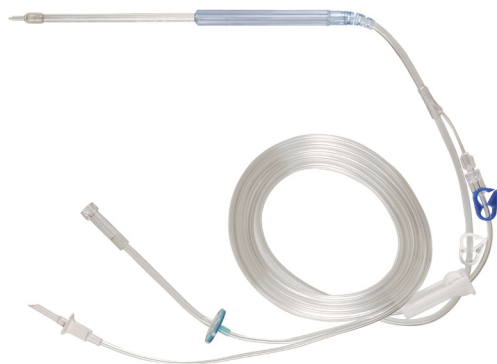
CATHETER SIZE	CATALOG NO.	DESCRIPTION	CONNECTOR ACCEPTANCE	DRAINAGE HOLES	LENGTH OF PERFORATION	RIGHT ANGLE LENGTH
12 Fr	TC-11112	Thoracic Catheter, Right Angle	3/16 in	4	2.0 in / 5.0 cm	3.4 in / 8.6 cm
16 Fr	TC-11116	Thoracic Catheter, Right Angle	1/4 in	4	2.5 in / 6.0 cm	3.7 in / 9.4 cm
20 Fr	TC-11120	Thoracic Catheter, Right Angle	1/4 in	5	3.0 in / 7.5 cm	4.0 in / 10 cm
24 Fr	TC-11124	Thoracic Catheter, Right Angle	1/4 in	5	3.0 in / 7.5 cm	4.0 in / 10 cm
28 Fr	TC-11128	Thoracic Catheter, Right Angle	3/8 in	6	4.5 in / 11.0 cm	6.0 in / 15.2 cm
32 Fr	TC-11132	Thoracic Catheter, Right Angle	3/8 in	6	4.7 in / 12.0 cm	6.3 in / 16 cm
36 Fr	TC-11136	Thoracic Catheter, Right Angle	3/8 in	6	5.0 in / 12.5 cm	6.5 in / 16.5 cm
40 Fr	TC-11140	Thoracic Catheter, Right Angle	1/2 in	6	5.0 in / 12.5 cm	6.5 in / 16.5 cm

Each Catheter is individually packaged in a peel pack with 10 sterile catheters per box.

Blower/Mister

LivaNova Blower/Mister, with a plastic malleable wand, is available with easy-grip plastic handle. The malleable plastic wand provides flexibility to position the Blower/Mister in the surgical field. The pre-assembled administration set facilitates rapid and effortless set-up.

Blower Mister



BLOWER/MISTER WITH HANDLE
CONNECTING TUBING LENGTH 120 IN / 300 CM

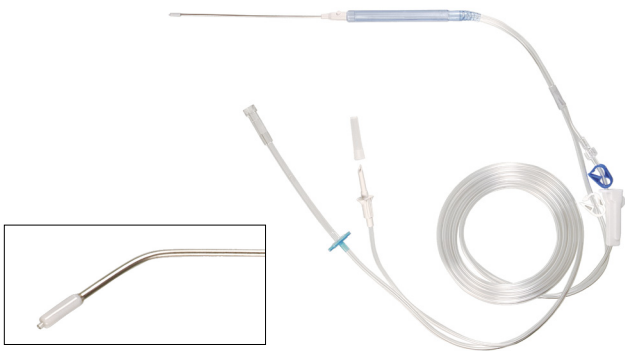
MODEL	CATALOG NO.	MALLEABLE SHAFT LENGTH
With Handle	MT-11210	5.5 in / 14 cm

Each Mister is individually packaged in a double peel pack with 5 sterile Blowers/Misters per box.

Blower/Mister II

LivaNova Blower/Mister II is available with an easy-grip plastic handle, and a malleable metal wand, which provide greater flexibility to position the Blower/Mister II in the surgical field. The pre-assembled administration set facilitates rapid and effortless set-up.

Blower/Mister II



BLOW/MISTER II
CONNECTING TUBING LENGTH 120 IN / 300 CM

CATALOG NO.

MT-22210

MALLEABLE SHAFT LENGTH

6 in / 15.2 cm

Each Mister is individually packaged in a double peel pack with 5 sterile blowers/misters per box.

ACCESSORIES

LivaNova Accessories include porous vent plugs, vented connector caps, rapid prime sets, tubing organizers, vasco loops, tourniquets and pressure monitor lines.

Porous Vent Plugs



POROUS VENT PLUGS

CATALOG NO.	SIZE
AX-10100	1/4 in
AX-10120	3/8 in

Each vent plug is individually packaged in a peel pack with 20 sterile vent plugs per box.

Vented Connector Cap

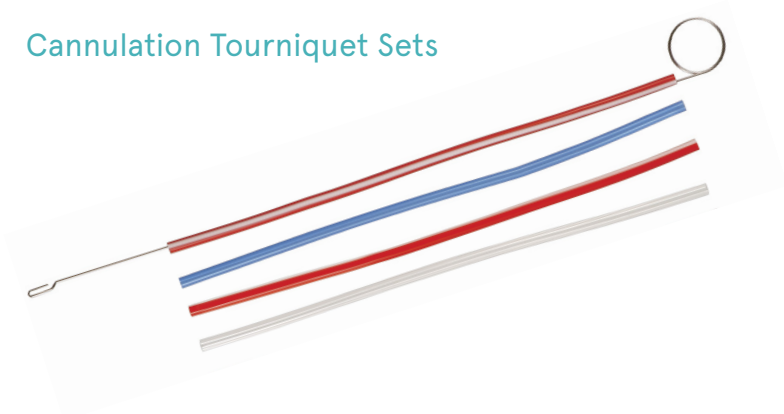


VENTED CONNECTOR CAP

CATALOG NO.	CONNECTOR ACCEPTANCE
AX-20510	3/8 in

Each cap is individually packaged in a peel pack with 20 sterile vent caps per box.

Cannulation Tourniquet Sets


CANNULATION TOURNIQUET SETS
 ALL TUBES WITH X-RAY DETECTABLE STRIPE

CATALOG NO.	DESCRIPTION	TUBE LENGTHS
TS-10130	One snare, six tubes: Two blue, one red and three clear tubes	5 in / 12.5 cm
TS-10262	Two snares, eight tubes: One red, two blue and five clear	5 in / 12.5 cm
TS-10010	One snare, two tubes: One red, one blue	7 in / 17.5 cm
TS-10066	One snare, three tubes: Three clear	7 in / 17.5 cm
TS-10020	One snare, five tubes: One blue, one red and three clear	7 in / 17.5 cm
TS-10061	Two snares, eight tubes: Two blue, two red and four clear	7 in / 17.5 cm
TS-10050	Two snares, eight tubes: Two blue, four red and two clear	7 in / 17.5 cm
TS-10040	One snare, five tubes: Five red	7 in / 17.5 cm

Each set is individually packaged in a peel pack with 20 sterile sets per box.

Vasco Loops


VASCO LOOPS

CATALOG NO.	DESCRIPTION	LENGTH	NEEDLE SIZE
SL-21118	Vasco loop with blunt needle	13.5 in / 34.5 cm	18 Ga

Each set contains 2 vasco loops, packaged in a peel pack with 30 sterile sets per box.

ADULT CANNULAE – ACCESSORIES

Pressure Monitoring Lines



MALE/MALE	MALE/FEMALE	LENGTH
AB1521	AB1520	30 cm
AB1519	AB1504	185 cm
AB1518	AB1517	215 cm

Each monitoring line is provided with vented connector caps and individually packaged in a peel pack with 20 sterile monitoring lines per box.

Rapid Prime Sets



CATALOG N°	DESCRIPTION	TOTAL LENGTH
AB1534	Rapid Prime Set with rotating male luer adapter	40 cm
AB1533	Rapid Prime Set without rotating male luer adapter	35 cm

Tubing organizer

CATALOG NO.	DESCRIPTION	AVAILABLE TUBING SLOTS
C21120	Perfusion Tubing Organizer	For 10 Tubes: 1 ea 3/16, 6 ea 1/4, 2 ea 3/8, 1 ea 1/2

Each organizer is individually packaged.

MINIMALLY INVASIVE CARDIAC SURGERY CANNULAE

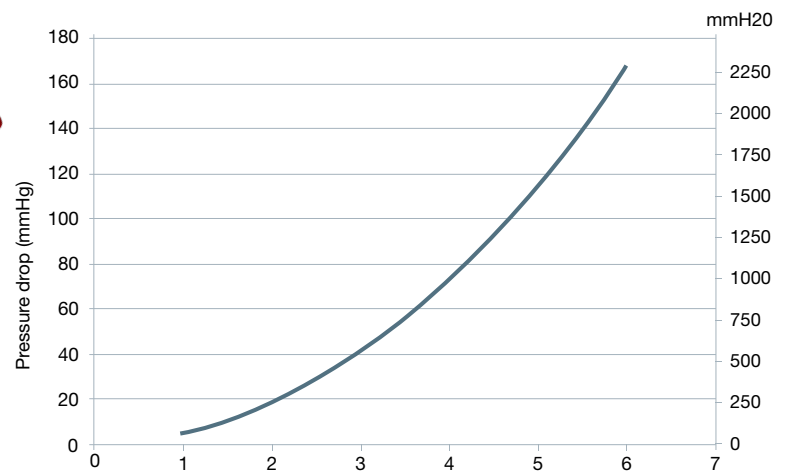
LivaNova Adult Minimally Invasive Cardiac Surgery Cannulae are specifically designed to meet diverse minimally invasive and femoral approaches in adult patients where ease of insertion, better surgical view and good hemodynamics are paramount for improving patient outcomes.

Bi-Flow Femoral Arterial Cannulae

LivaNova Bi-Flow Femoral Arterial Cannula is the only bidirectional arterial cannula on the market designed to reduce the risk of limb ischemia in an easy, safe and reproducible way.

Unlike traditional cannulae, Bi-Flow's patented design incorporates a unique elbow and downstream perfusion channel. The cannula is easy to insert and remove and provides simultaneous systemic and distal perfusion to the lower limb.

Bi-Flow Femoral Arterial Cannula

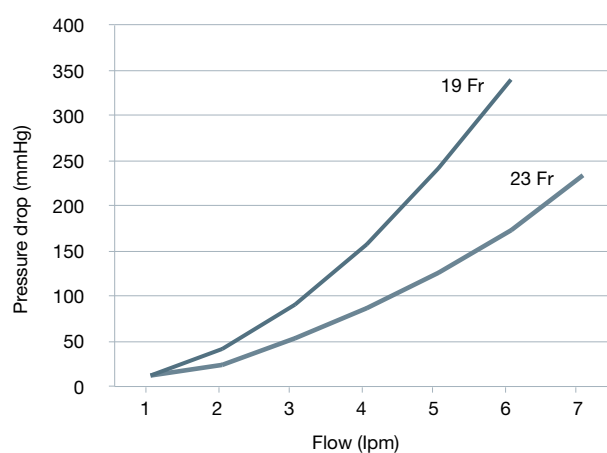


REFERENCE NUMBER	OUTER DIAMETER (FR)	OUTER DIAMETER (MM)	EFFECTIVE LENGTH (CM)	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
203-019	19 Fr	6.33	26,7	3/8"	5	no

Easy Flow Arterial Cannulae

LivaNova Easy Flow Arterial Cannulae are designed for safe and reproducible direct aortic cannulation, with a malleable stylet able to help cannula introduction through lateral thoracotomy. The configuration of the dispersion tip reduces shear stress on the aortic wall and risks of aortic plaque dislodgment. Available in the femoral configuration with a dedicated kit for Seldinger insertion.

Easy Flow Arterial Cannula

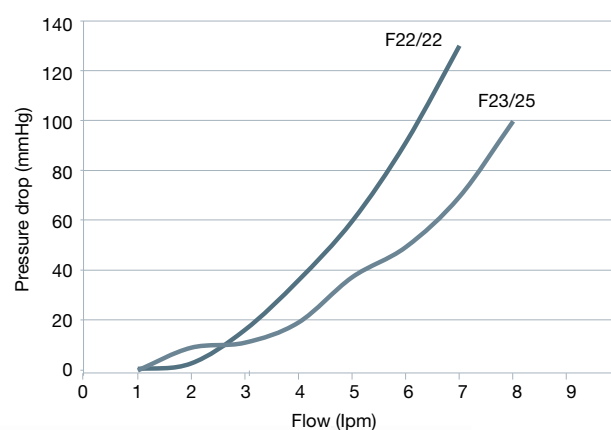


REFERENCE NUMBER	OUTER DIAMETER (FR)	OUTER DIAMETER (MM)	EFFECTIVE LENGTH (CM)	TIP	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
103-200	19 Fr	6.3	40.75	Dispersion Flow	3/8" barbed connector	5	no
103-300	23 Fr	7.7	40.75	Dispersion Flow	3/8" barbed connector	5	no

RAP Femoral Venous Cannulae

LivaNova RAP Femoral Venous Cannulae are designed for improved venous drainage, with a dual stage tip which drains from superior and inferior vena cava. Available in two sizes, 22/22 Fr and 23/25 Fr, with full-flow drainage capability. A high-quality soft introducer features a smooth transition of the cannula to improve insertion and reduce vascular damage.

RAP FV Femoral Venous Cannulae

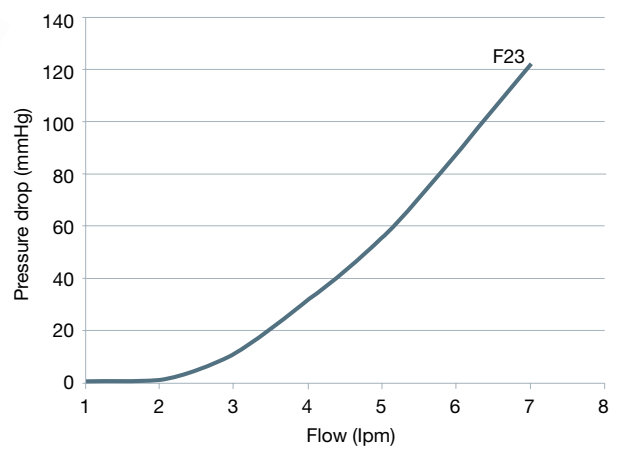


CATALOG N°	OUTER DIAMETER (FR)	OUTER DIAMETER (MM)	EFFECTIVE LENGTH (CM)	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
200-100	22 Fr. Distal / 22 Fr. Proximal	7.3 / 7.3	68.7	3/8" and 1/2"	5	no
200-150	23 Fr. Distal / 25 Fr. Proximal	7.7 / 8.3	72.5	3/8" and 1/2"	5	no

FlexFlow Venous Cannulae

LivaNova FlexFlow Venous Cannulae is a minimally invasive venous cannula with integrated obturator and malleable stylet designed for direct right atrium cannulation. The 6 cm holed area and the thin wire-reinforced tubing wall design provide high flow rates when using vacuum assisted venous drainage.

FlexFlow Venous Cannula

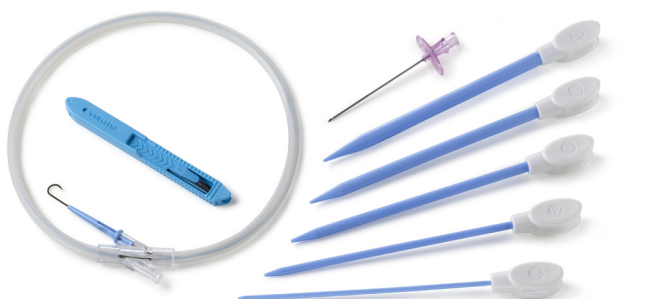


CATALOG N°	OUTER DIAMETER (FR)	OUTER DIAMETER (MM)	EFFECTIVE LENGTH (CM)	SIDE HOLES	CONNECTION SIZE	QTY PER BOX	AVAILABLE COATED
200-200	23 Fr	7.7	41	yes	3/8"	5	no

Vascular Dilator Kit

LivaNova Vascular Dilator Kit, for percutaneous cannulation technique, includes an 18 Gauge needle, a 0.035 x 180 cm guidewire, a blade scalpel and 8,12,16,20 and 24 Fr dilators.

Vascular Dilator Kit



CATALOG N°	DILATOR'S DIAMETER (FR)	SCALPEL	GUIDEWIRE	NEEDLE	QTY PER BOX
200-120	8, 12, 16, 20, 24 Fr	yes	0.035" x 180 cm	18 Ga	1

Stand-Alone Guidewire



CATALOG N°	DIAMETER (IN)	EFFECTIVE LENGTH (CM)	QTY PER BOX
IQ35F180J6F	0.035	180.0	10

Percutaneous Cannulae Insertion Kit (Seldinger Technique)



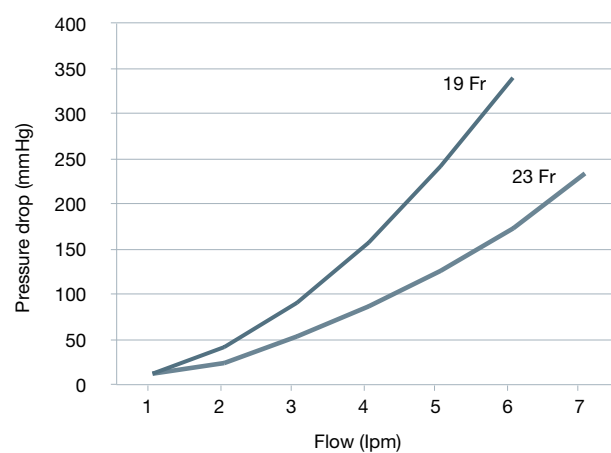
LivaNova Percutaneous Cannulae Insertion Kit, for percutaneous cannulation technique, includes an 18 Gauge needle, a 0.035" guide-wire, a blade scalpel, a syringe and 8,12,14, 18 and 20 Fr dilators.

CATALOG N°	DESCRIPTION	DILATORS
HD9370201	Kit Seldinger arterial 70 cm guidewire	8, 12, 14, 18, 20 Fr
HD9370202	Kit Seldinger venous 150cm guidewire	8, 12, 14, 18, 20 Fr

Easy Flow DUO Femoral Arterial Cannulae

LivaNova Easy Flow DUO Femoral Arterial Cannulae feature a dispersion tip for gentle flow in the femoral artery. The obturator allows bloodless insertion in the arterial vessel. Available in the femoral configuration with a dedicated kit for Seldinger insertion. Validated also for venous drainage support.

Easy Flow DUO Arterial Femoral Cannula



REFERENCE NUMBER	OUTER DIAMETER (FR)	OUTER DIAMETER (MM)	EFFECTIVE LENGTH (CM)	TIP	CONNECTION SIZE	SELDINGER KIT	QTY PER BOX	AVAILABLE COATED
103-210	19 Fr	6.3	40.75	Dispersion Flow	3/8"	yes	5	no
103-310	23 Fr	7.7	40.75	Dispersion Flow	3/8"	yes	5	no

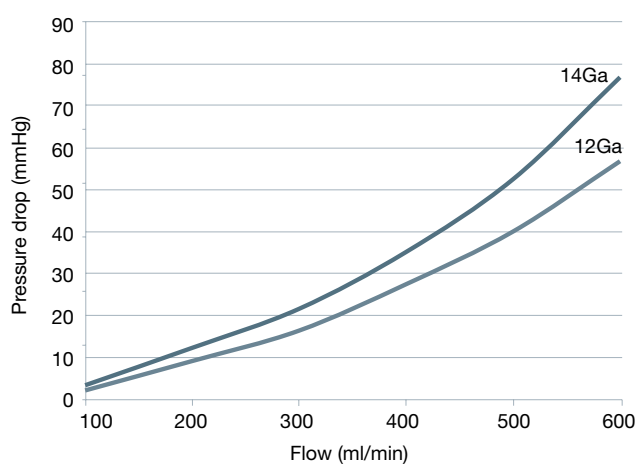
Kit includes:

- 18 gauge needle
- Blade scalpel
- 0.035 x 100 cm guidewire
- Dilators: 12 Fr. and 20 Fr.

Aortic Root Long Needle

LivaNova Aortic Root Long Needle is specifically designed for minimally invasive cardiac surgery in lateral thoracotomy, particularly mitral valve procedures. It is longer than a conventional aortic root (35 cm), allowing it to be positioned in lateral thoracotomy.

Aortic Root Long Needle



CANNULA TIP OUTER DIAMETER	INSERTION NEEDLE	CATALOG N°	EFFECTIVE LENGTH (CM)	QTY PER BOX	AVAILABLE COATED
12 Ga (9 Fr)	14 Ga - Green	AR-17012	31.8	10	no
14 Ga (7 Fr)	16 Ga - White	AR-17014	31.8	10	no

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IM-02685 I



HEMOCONCENTRATOR PEDIATRIC



La Sorin Group, împărtășim cu dumneavoastră grija față de copii. Suntem preocupați să punem la dispoziție cele mai bune produse în materie de perfuzii pentru a veni în întâmpinarea nevoilor dumneavoastră specifice. Hemoconcentratorul pediatric DHFO.2 a fost proiectat special pentru cei mai mici pacienți ai dumneavoastră.

- Fibra biocompatibilă cu flux crescut, din polietersulfon permite o ultrafiltrare extrem de crescută, cu volum priming foarte scăzut
- Nu necesită clătire sau spălare
- A se utiliza pentru hemoconcentrații standard sau Ultra Filtrare Modificată (UFM)
- Disponibilă pe stoc și cu seturi de tuburi personalizate pentru a veni în întâmpinarea nevoilor dumneavoastră în materie de perfuzii pediatrice



DE PESTE 25 DE ANI SUNTEM
LIDERI ÎN DOMENIUL
PERFUZIILOR PEDIATRICE

Eficient: Coeficientul de filtrare a greutatea moleculelor permite îndepărtarea moleculelor de dimensiuni mari fără pierderea proteinelor cheie.

Mic: Volumul priming are doar 30 mL.

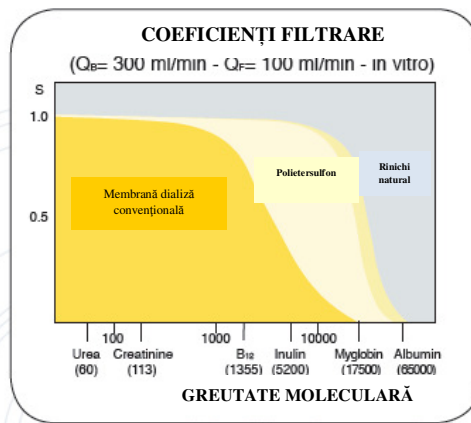
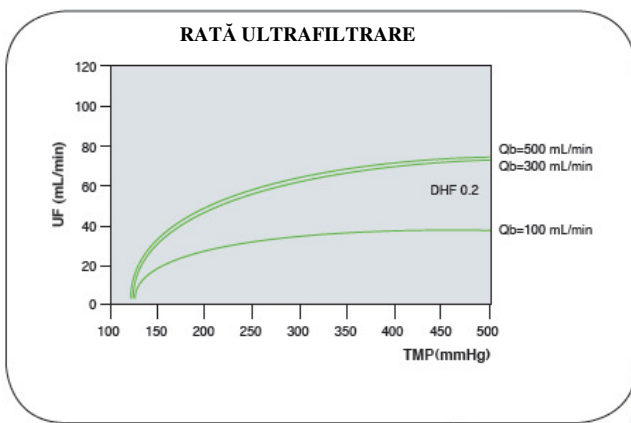
Sigur: fibra biocompatibilă din polietersulfon a fost special proiectată pentru contactul cu sângele.

Simplu: Nu necesită clătire, spălare, ceea ce va însemna economie de timp și bani.

Personalizat: disponibil pe stoc și în seturi de perfuzii personalizate, cu dispozitive de admisie și eliminare sânge de 1/8", 3/16" sau 1/4", pentru a veni în întâmpinarea nevoilor dumneavoastră în materie de perfuzii pediatrice.

Caracteristici tehnice

Suprafață (mp)	.25
Tip fibră	polietersulfon
Diametru intern (μm)	200
Grosime perete (μm)	30
Volum priming (mL)	30
Debit max. sânge (mL/min)	500
Presiune min-max (mmHg)	50-150
Material fibră	polietersulfon
Dimensiuni	
Lungime (mm)	145
Diametru (mm)	55
Greutate (g)	98
Presiune maximă între membrane (TMP)	500 mmHg



Ghid comandă

Număr catalog	Produs	Cantitate casetă
020115801	Pungă deșeuri HC	10/casetă
020497701	DHFO.2 1/4" TBG 12", CONN	8/casetă
09017	Braț hemoconcentrator	1/casetă



 ACEASTĂ FIȘĂ A FOST FOTOCOPIATĂ PE HÂRTIE RECICLATĂ



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ATENȚIE: LEGEA FEDERALĂ (SUA) INTERZICE COMERCIALIZAREA

ACESTUI PRODUS FĂRĂ RECOMANDAREA UNUI MEDIC

MĂRCILE COMERCIALE UTILIZATE ÎN PREZENTA BROȘURĂ SUNT

DEȚINUTE SAU BREVETATE DE SORIN GROUP USA, INC.

NUMĂR 306600050 REV C (10/09)

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Indicații terapeutice

Este demonstrat pe scară largă că nivelurile scăzute de hematocrit în timpul bypassului cardiopulmonar duc la un rezultat mai scăzut în comparație cu nivelurile mai mari de hematocrit ^[1,2].

Hemoconcentrația prin ultrafiltrare este recunoscută ca fiind cea mai eficientă metodă de gestionare a fluidului în Circuitul extracorporeal la pacienții cardiaci ^[3,4] permițând controlul volumului circulației, hematocritului și a nivelului intracelular de apă.

Datorită capacității de a îndepărta moleculele mari din sângele circulant, hemofiltrarea este, de asemenea, indicată pentru a oferi un rezultat mai bun pacienților critici cu o îndepărtare mai rapidă a elementelor negative din sânge fără conținutul factorului coagular ^[5];

Utilizarea hemoconcentratoarelor SORIN și a seturilor de hemoconcentrare:

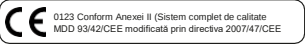
- Oferă sânge integral concentrat pacientului cu reducerea consecință a sângelui omolog și a nevoilor de produse sanguine;
- Menține o livrare adecvată de oxigen în corpul pacientului prin controlul nivelului de hematocrit;
- Scade riscul de sângerare postoperatorie, deoarece sunt păstrate trombocitele și factorii de coagulare;
- Controlează nivelul de apă la nivel intracelular prin păstrarea proteinelor plasmatice și a factorilor de coagulare a sângelui (albumină, imunoglobuline, ATIII), în timp ce apa excesivă este îndepărtată rapid și ușor;
- Contribuie la eliminarea factorului de risc de disfuncție renală postoperator prin reducerea la minimum a nevoii de utilizare diuretică, ceea ce poate să nu fie indicat pentru unii pacienți.

Referințe

- [1] " Hematocrit pe bypass cardiopulmonar și rezultatul după operația coronariană la pacienții netransfuzabili".
Ranucci M, Conti D, Castelvécchio S, Menicanti L, Frigiola A, Ballotta A, Pelissero G. Ann Thorac Surg. 2010 ianuarie;89(1):11-7.
- [2] " Efectele adverse ale hematocritului scăzut în timpul bypass-ului cardiopulmonare la adult: trebuie schimbată practica curentă?".
Habib RH, Zacharias A, Schwann TA, Riordan CJ, Durham SJ, Shah A. J Thorac Cardiovasc Surg. 2003 iunie;125(6):1438-50.
- [3] " Efectele hemofiltrajei asupra nivelului seric de apotrinină la pacienți supuși bypassului cardiopulmonar."
Van Norman GA, Patel MA, Chandler W, Vocolka C. J Cardiothorac Vasc Anesth. 2000 iunie;14(3):253-6.
- [4] " Hemofiltrare în timpul by-passului cardiopulmonar pentru chirurgie cardiacă la adulți cu risc ridicat."
Raman JS, Hata M, Bellomo R, Kohchi K, Cheung HL, Buxton BF. Departamentul de Chirurgie Cardiacă, Austin & Repatriation Medical Centre, University of Melbourne, Melbourne, Australia. Int J Artif Organs. 2003 Aug;26(8):753-7.
- [5] Efectele ultrafiltrajei convenționale asupra performanței renale în timpul procedurilor de bypass cardiopulmonare la adulți.
Kuntz RA, Holt DW, Turner S, Stichka L, Thacker B.Tehnologie extracorporeală costieră, Departamentul de Tehnologie a Circulației, Bay Medical Center, Panama City, Florida, J Extra Corpor Technol. 2006 iunie;38(2):144-53

Ghid comenzi

Identificare	Descriere	Cod	Buc/cutie
D570	Set convențional DHF 0.2	05009	4
D575	Set modificat DHF 0.2	05019	4
D571	Set convenționalDHF0.6	05010	4
D576	Set modificat DHF 0.6	05020	4
KH14	Set convenționalSH14	050177	4
.DHF 02	Set individual	05326	12
DHF 06	Set individual	05327	12
SH 14	Hemoconcentrator	050179	18
SH 14	Set individual	050179	18
SH 14	Hemoconcentrator	050179	18
Suport	Universal	09017	1
Suport	Suport Hemoconcentrator	09017	1



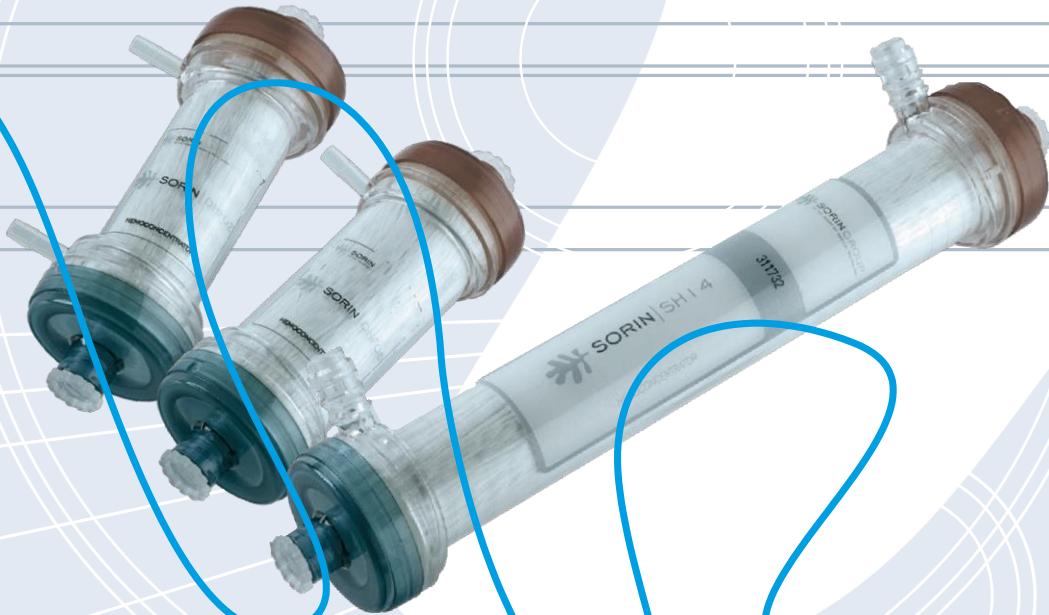
The Sorin Group Italia Quality
System complies with
EN ISO 13485:2003/AC:2007

Produs de:

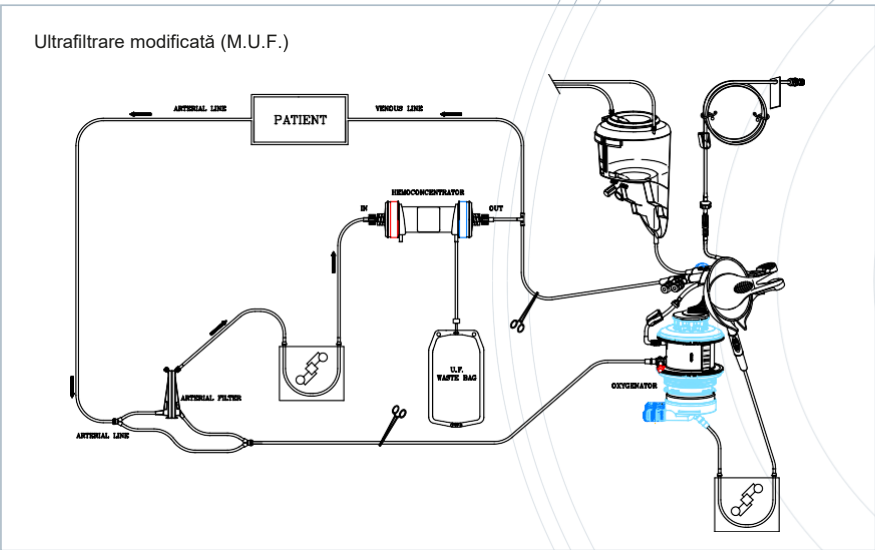
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SORIN | –EMOCONCENTRATORS



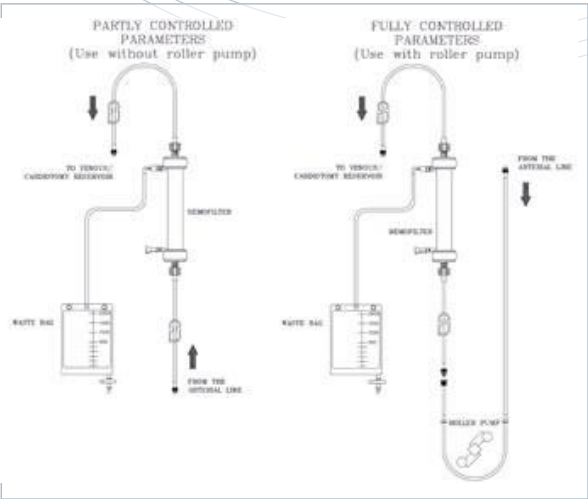
Aplicație peadiatrică: Ultrafiltrare modificată (M.U.F.)

Sorin | Hemoconcentratoarele sunt disponibile într-un set pentru plasarea modificată a hemoconcentratorului în circulația extracorporeală în timpul by-passului cardiopulmonar și al ultrafiltrării. Domeniul de aplicare al acestei tehnici este de a menține o presiune osmotică coloidală mai mare [6,7]. Hemoconcentratorul este plasat cu intrarea sa conectată la linia arterială și ieșirea la linia venoasă.

Tubul pompei conectat la circuit permite utilizarea unei pompe cu role pentru a controla cu precizie fluxul de sânge prin hemoconcentrator;

Referințe

[6]* Un studiu randomizat prospectiv al unei tehnici modificate de ultrafiltrare în timpul operației pediatriche cu inimă deschisă.
Naik SK, Knight A, Elliott M. - C. Unitate cardiotoracică, Spital pentru copii bolnavi, Londra, Marea Britanie. Circularea, 1991 noiembrie;84(5 Supl):III422-31. [7]* Modificări hemodinamice în timpul ultrafiltrării modificate imediat după prima etapă a reconstituirii Norwood.
Gaynor JW, Kuypers M, van Rossem M, Wernovsky G, Marino BS, Tabbutt S, Nicolson SC, Spray TL. - Divizia de Chirurgie Cardiothoracică, Centrul Cardiac de la Spitalul de Copii din Philadelphia, Philadelphia 19104, SUA
- Cardiol Young. 2005 februarie;15(1):4-7.



Ultrafiltrare convențională

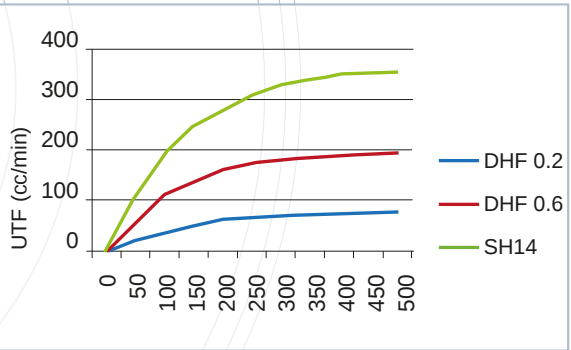
Amplasarea convențională a hemoconcentratorului în sistemul de circulație extracorporeală este cu intrarea acestuia conectată la linia arterială și la ieșirea la cardiotoromie sau la rezervorul venos.

O pompă cu role poate fi utilizată pentru controlul complet al parametrilor de lucru (adică debitul și presiunea).

În mod alternativ, se poate efectua un flux spontan fără utilizarea unei pompe cu role dedicate.

Rata de ultrafiltrare

Viteza de extracție ultra-filtrată (UTF) ca urmare a presiunii trans-membranei aplicate (TMP)**



Test cu sânge bovin HCT = 20% ±2% - Qb = 400 ml/min

$$(**)TMP = \frac{p_a + p_v + p_s}{2}$$

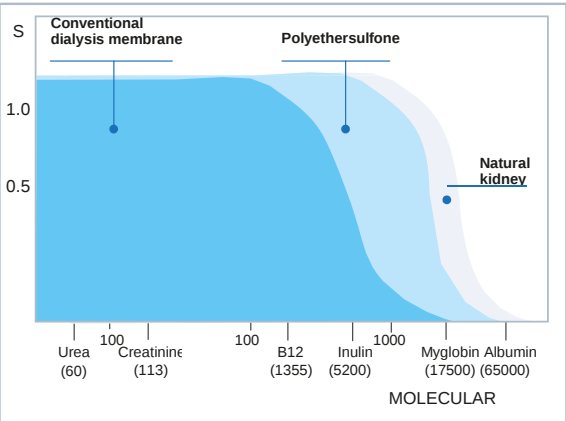
Unde:

pa: tensiunea arterială (sau de intrare) în hemoconcentrator [mmHg]

p_v: tensiunea arterială venoasă (sau de ieșire) din hemoconcentrator [mmHg]

ps: presiune negativă aplicată pe partea efluent a hemoconcentratorului [mmHg]

Coeficientul de decantare



Coeficientul mare de măsurare a greutatei moleculare permite eliminarea moleculelor mai mari fără pierderea proteinelor cheie din sânge, cum ar fi albumina.

Limita de decantare* = 65.000 Daltoni (1 Dalton = 1,66x 10⁻²⁴ g)

* Coeficientul de decantare prevăzut ca greutate moleculară corespunzător la 99% din retenție

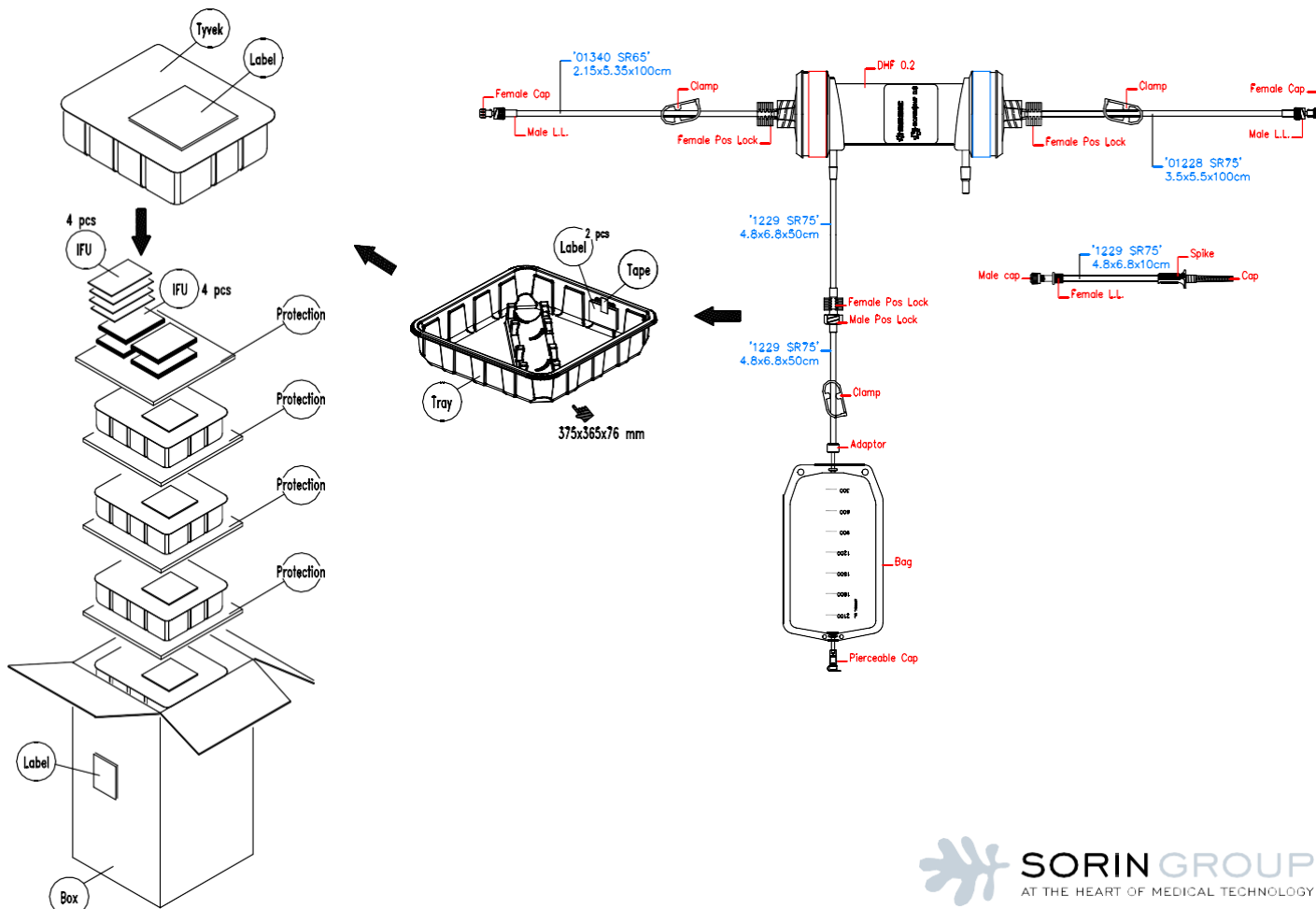
Performanță

Tip	DHF02	DHF06	SH14
Uree [ml/min]	32	86	246
Creatină [ml/min]	28	78	223
Fosfați [ml/min]	26	74	213
Vitamina B12 [ml/min]	21	58	166
UFR [ml/min x mmHg de TMP* 1]	16	31	61

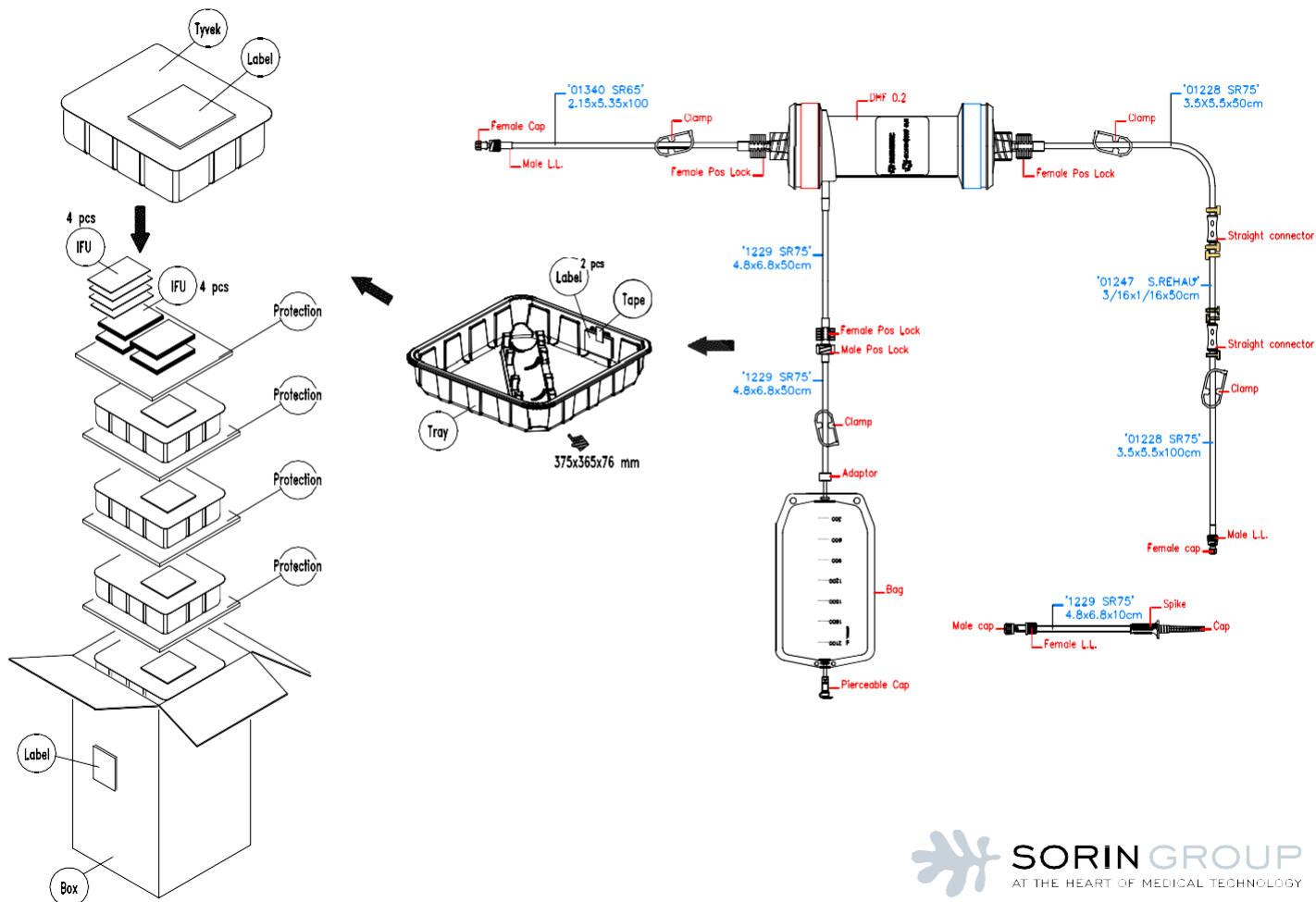
Caracteristici tehnice

Tip	D570 cu DHF02	D575 cu DHF02	D571 cu DHF06	D576 cu DHF06	KH14 cu SH14
Suprafață [m2]	0,25	0,25	0,68	0,68	1,35
MAX TMP [kPa]	66	66	66	66	66
Port pentru sânge	Poziția închis	Poziția închis	Poziția închis	Poziția închis	Poziția închis
Port ultrafiltrare	¼" conector	¼" cconnector	¼" conector	¼" conector	Conector Hansen
Amorsare filtru [ml]	30	30	60	60	80
Amorsare circuit [ml]	45	45	137	137	145

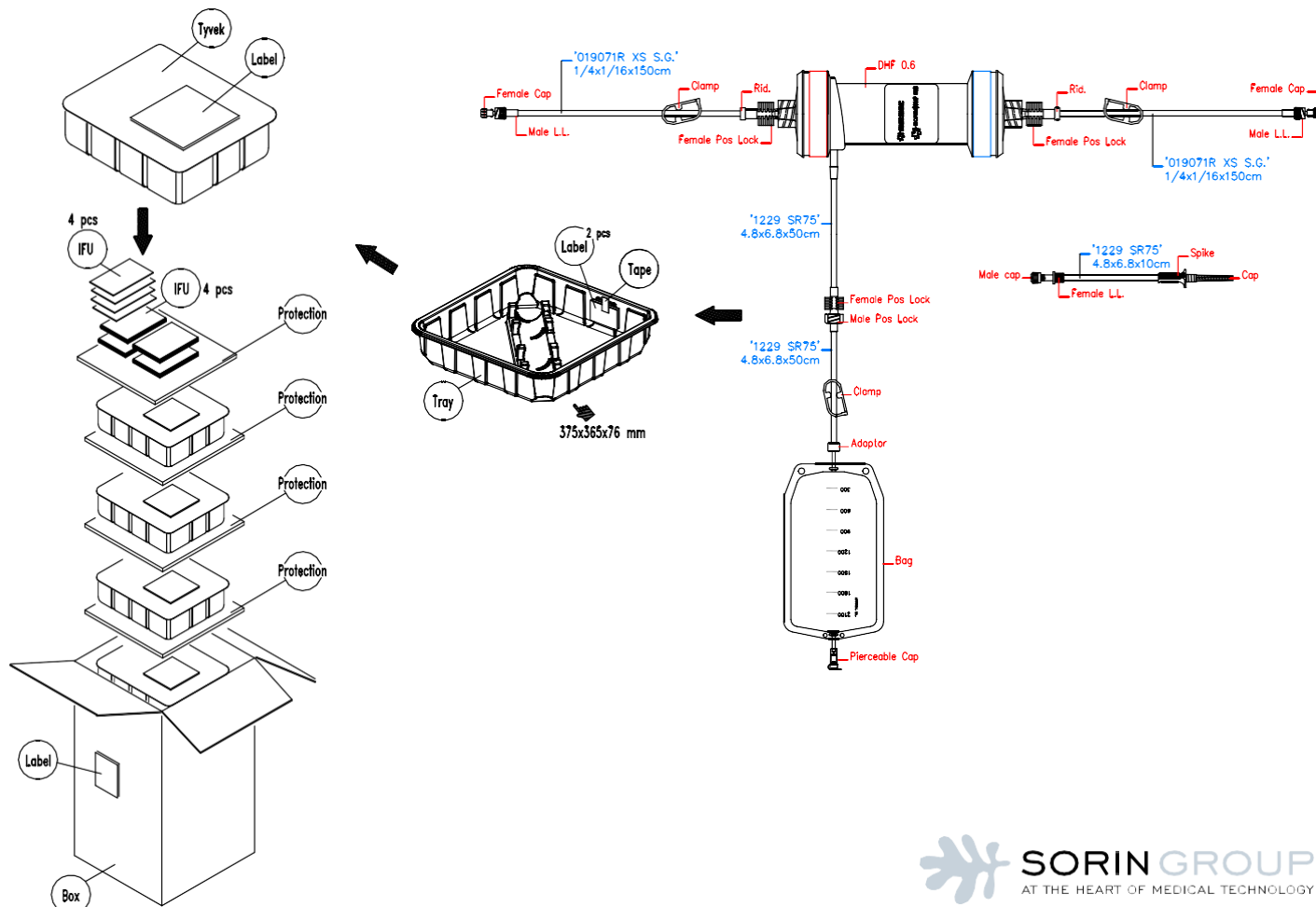
D570 Set conventional DHF 0.2



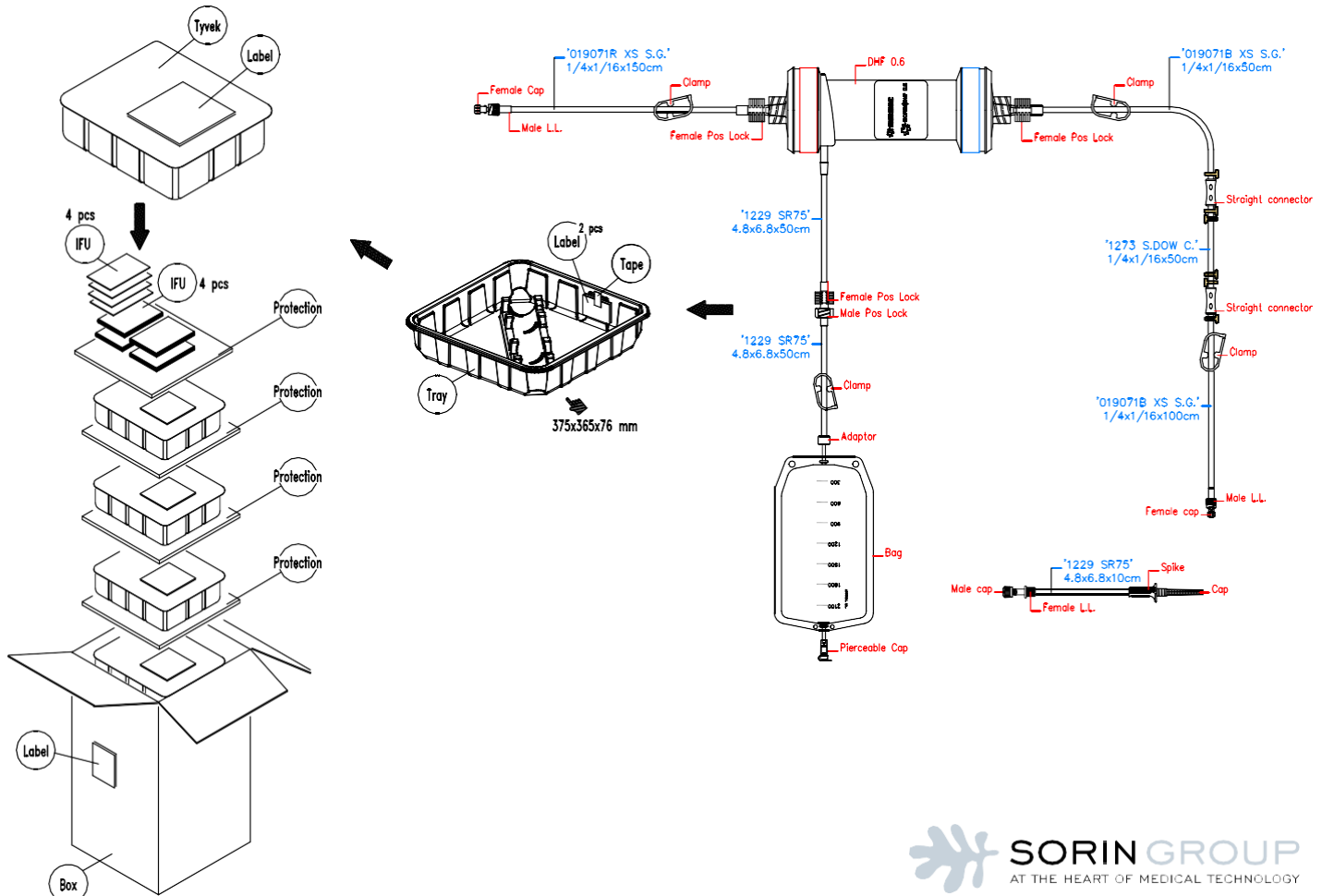
D575 Set modificat DHF 0.2



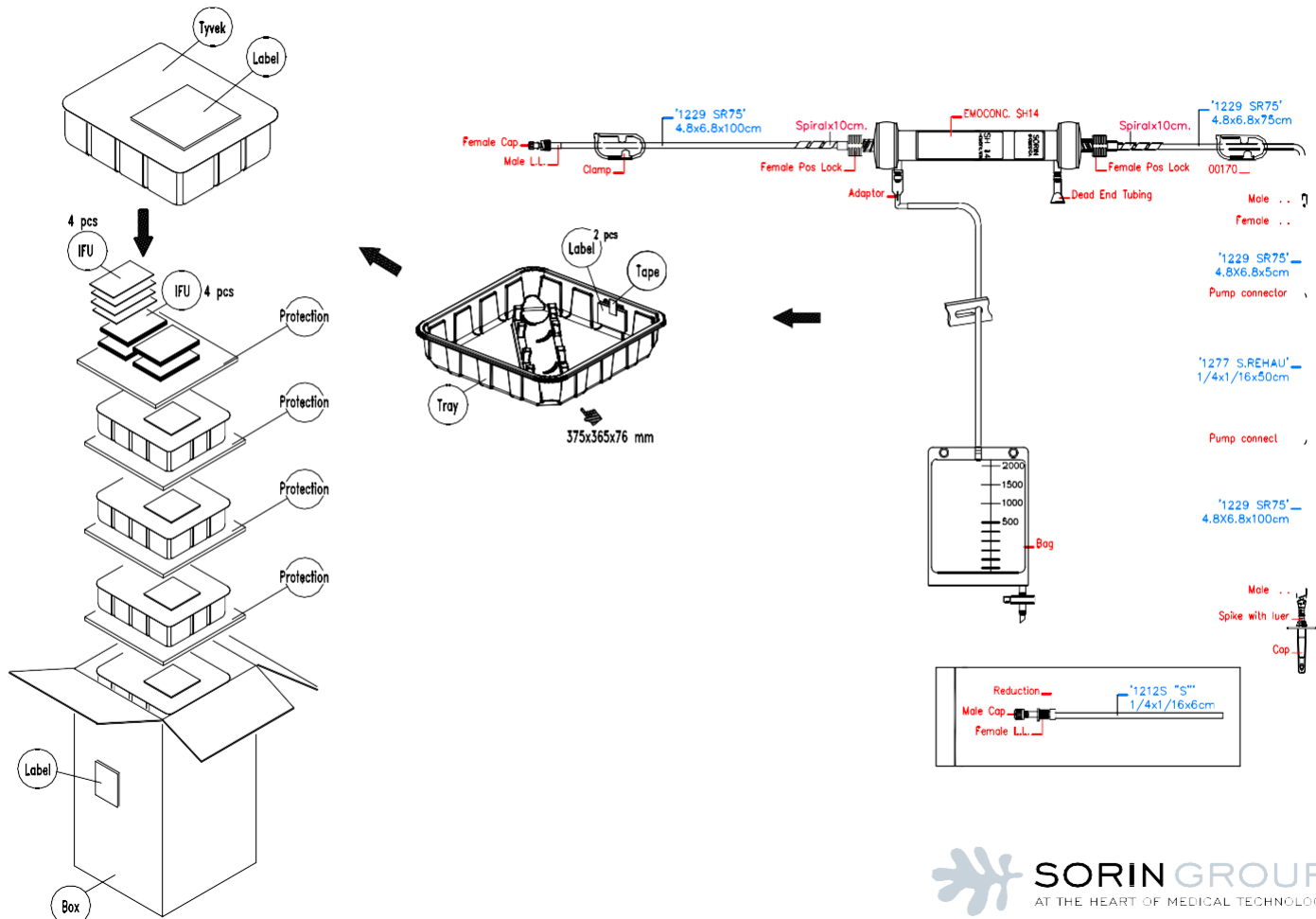
D571 Set conventional DHF 0.6



D576 Set moficicat DHF 0.6



KH14 Set conventional SH14



Subsemnata PANA ALINA NICOLETA, interpret si traducator autorizat pentru limbile ENGLEZA si ITALIANA in temeiul autorizatiei nr. 14083, din data de 2005 eliberata de Ministerul Justitiei din Romania, certific exactitatea traducerii efectuate din limba ENGLEZA in limba ROMANA, cu textul prezentat, a fost tradus complet, fara omisiuni, si ca, prin traducere, inscrisului nu i-au fost denaturate continutul si sensul.



CARDIOPULMONARY



DESIGNED
TO OPTIMIZE
GME REDUCTION
IN PEDIATRIC
PATIENTS

TRILY
PEDIATRIC



EUROSETS
EVERY LIFE MATTERS



THE SOLUTION TO OPTIMIZE GME (Gas Micro Emboli) REDUCTION IN PEDIATRIC PATIENTS

Trilly Pediatric Oxygenator thanks to the optimized flow dynamics ensures outstanding performances from 0,5 lpm to 3,5 lpm with only 130 ml of priming.

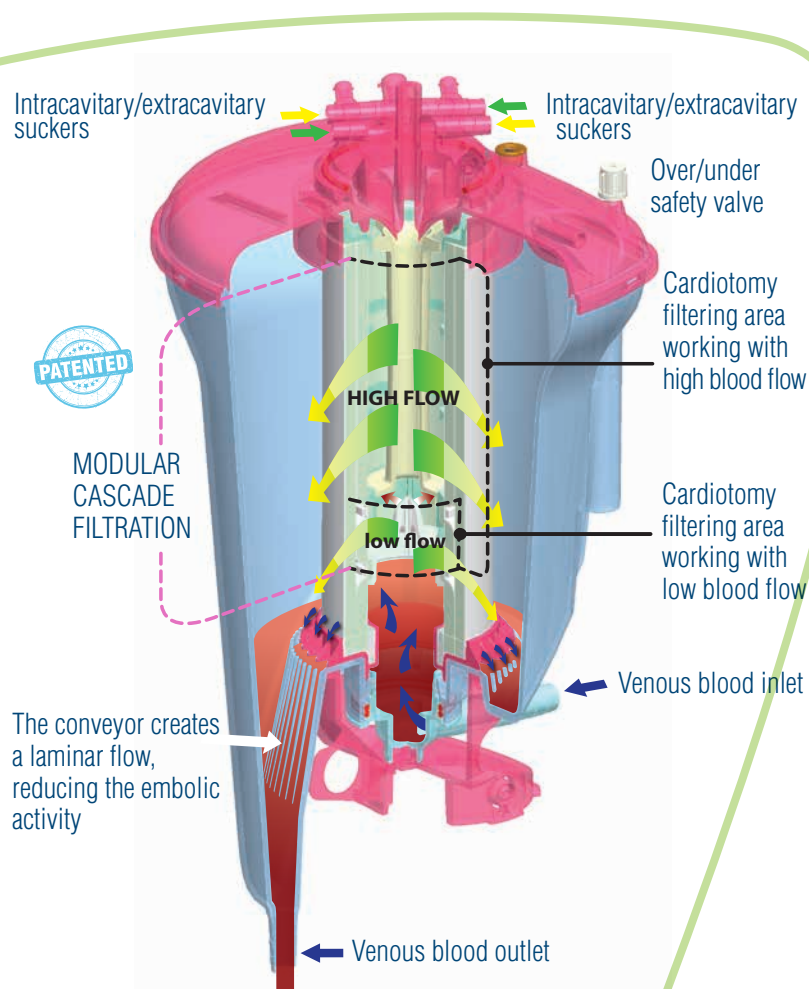
OXYGENATOR MODULE WITH PATENTED CASCADE ARTERIAL FILTER

The patented cascade arterial filter, conceived of 2 filtering layers, 80µm+38µm ensures superior GME reduction¹.

Trilly AF Pediatric is specially designed to optimally combine gas transfer performance² and to achieve low priming volume², low pressure drop and minimize GME generation⁴⁻⁵ thanks to:

- a unique filtration technology conceived to collect blood coming from intracavitary and from extracavitary suckers;
- integrated arterial filter with self venting technology (Fig. A)

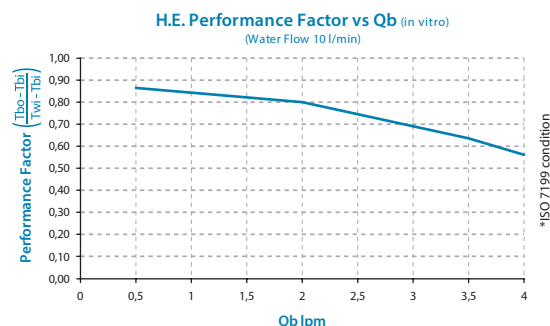
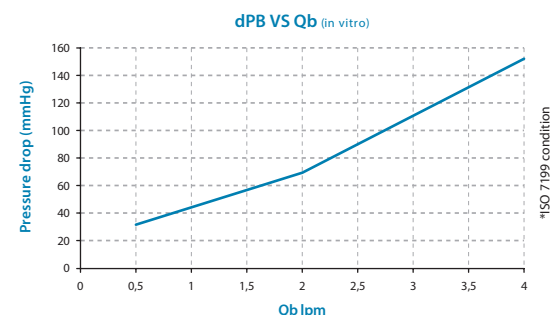
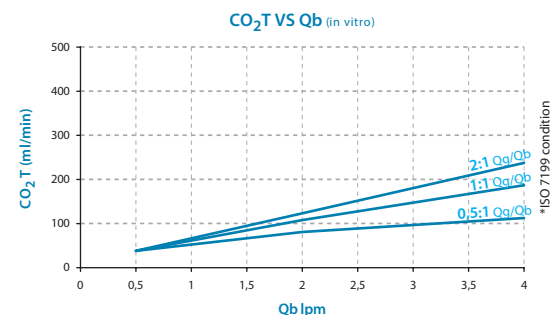
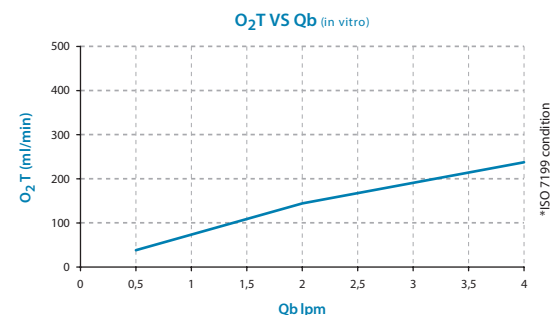
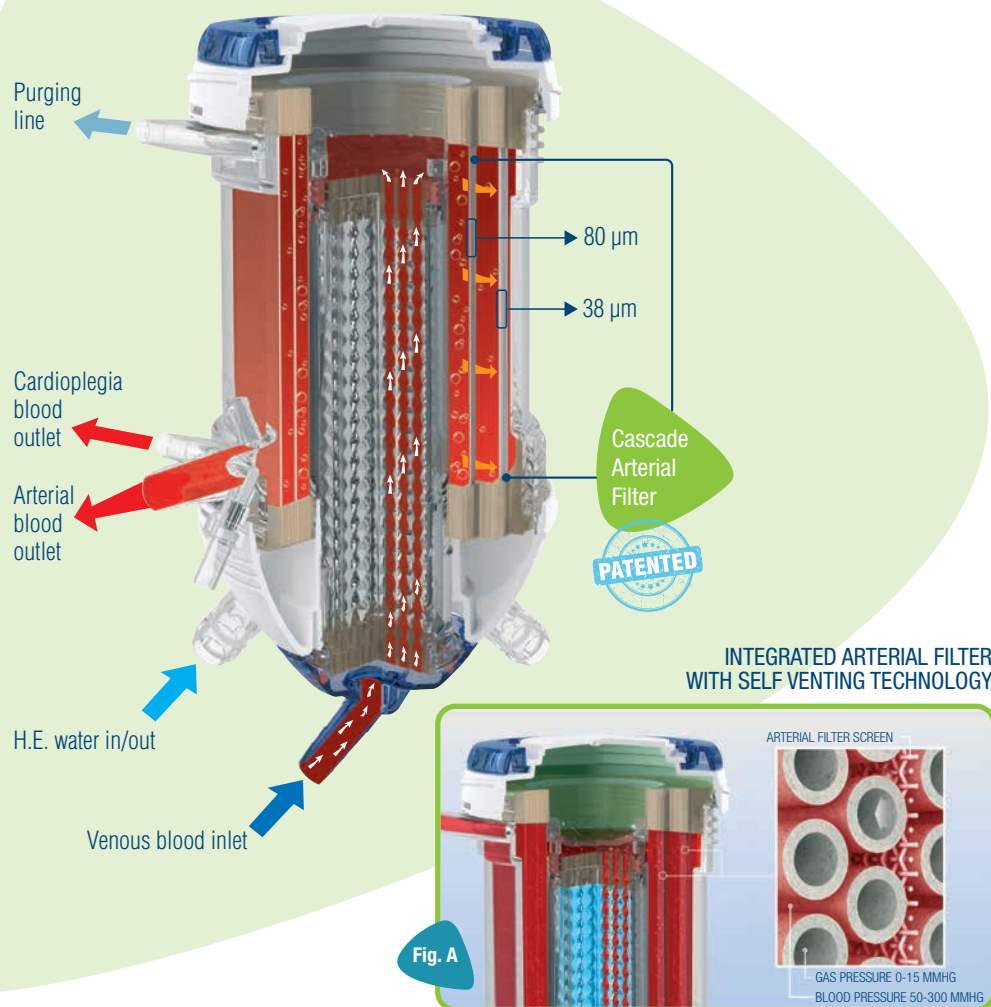
TRILLY AF PEDIATRIC OXYGENATOR ENSURES OPTIMAL ERGONOMIC DESIGN FOR PERFUSION COMFORT.



CARDIOTOMY VENOUS RESERVOIR

TECHNICAL FEATURES

Capacity:	2500 ml
Venous Reservoir Filtering Mesh:	80 µm
Cardiotomy Filtering Mesh:	40 µm
Minimum operating level:	100 ml (@ 3,5 l/min) 50 ml (@ 2,0 l/min) 30 ml (@ 0,5 l/min)
Ready for vacuum:	equipped with over/under safety valve
Connectors:	6 x 1/4" 1 x 3/8" 2 x Luer Lock 2 x POS Lock-Luer
Unfiltered	1 x Luer Lock



PEDIATRIC OXYGENATOR MODULE WITH INTEGRATED CASCADE ARTERIAL FILTER

TECHNICAL CHARACTERISTICS

Priming volume: 130 ml
 Contact surface area: 1.10 m²
 Blood flow rate: 0.5 - 3.5 l/min
 Reference blood flow (ISO 7199 condition) 4 l/min
 Cascade Arterial Filter pore size: 80 μm + 38 μm

Heat Exchanger surface area: 0.04 m²
 H.E. Performance Factor: η = 0.60 (at 3.5 l/min)
 Material: stainless steel
 Coating: PC phosphorylcholine

§ ISO 7199 condition

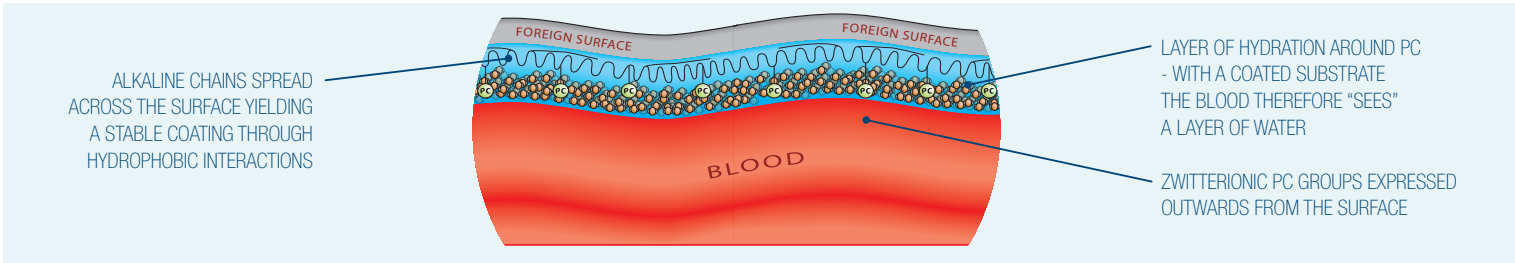
Bovine blood
 Hb = 12 ± 1 g/dL

SVO₂ = 65 ± 5%
 PVC_{CO}2 = 45 ± 5 mmHg

B.E. = 0 ± 5 mEq/L
 Temp = 37 ± 1°C

Q_b/Q_g = 1
 FIO₂ = 100%

Phosphorylcholine or PC is the predominant lipid headgroup found within the outer layer of cell membranes. PC has a natural affinity for water and binds water tightly around itself. As a result, the outer layer of the cell membrane does not promote clot formation (thrombosis).



ORDERING GUIDE

CODE	DESCRIPTION	N°/PACK
AG5232	TRILLY PEDIATRIC AF (Cardiotomy reservoir pre-connected with oxygenator module, PC coated)	1
EU2331	Holder for TRILLY PEDIATRIC AF	1

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