

# PERForm Registry

Last Name:  (20) First Name:  (10) (40) Med Rec Number:   
Birthdate:  (50) (60) SS Number:   
Gender:  Male  Female (70) (80) Event ID:

Date Of Surgery:  (90) Admission Date:  (100)

Surgeon: (110)   
Hospital: (130)

Perfusionist: (150)

Procedure Type (180)  CABG  Valve  CAB + Valve  Other

Circuit Defaults  Circuit 1  Circuit 2  Circuit 3  None Listed

Filter Pore Size (Microns):  (190)

Systemic leukocyte depleting filter Used  Yes  No (200)

pH Management strategy  Alpha Stat  pH Stat (210)

Biopassive Coating Area (220)  None  All but Cannulae  
 Limited Components  Tip to tip

Biopassive Type (230)  X coating (Terumo)  Trillium (Medtronic)  Duraflow (Baxter)  
 SMARTx (Cobe)  GBS (Gish)  Other  
 Physio (Sorin)  Bioline (Jostra)  
 Carmeda (Medtronic)  Safeline (Maquet)

System Type (240)  Open Venous Reservoir  Closed Venous Reservoir  No Venous Reservoir

Venous Augmentation (250)  Vacuum  Kinetic  None

Arterial Pumphead (260)  Roller Pump  Biomedicus (Medtronic)  Sarns (Terumo)  
 Rostaflow (Jostra)  Revolution (Sorin)  Capiox (Terumo)

Autotransfusion Device: (270)  None  Sorin Brat II  Medtronic Autolog  
 Haemonetics Cell Saver V  Sorin Xtra  Other  
 Haemonetics Elite  Fresenius CATS

Pulsatile Perfusion (280)  Yes  No

**Priming Volume** Static Volume (ml):  (290)

0.9% Saline (ml): (300)   
Lactated Ringers (ml): (310)   
Plasmalyte / Normosol (ml): (320)   
Hartmanns (ml): (330)

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Other (ml):

Albumin 5% (ml): (340)

Albumin 25% (ml): (350)

Starch Solution (ml): (360)

Medication Name	Dose	Volume	Medication Name	Dose	Volume
Heparin (Units)	(370)	(380)	(460)	(470)	(480)
Mannitol (Grams)	(390)	(400)	(490)	(500)	(510)
Sodium Bicarbonate (mEq)	(410)	(420)	(520)	(530)	(540)
(430)	(440)	(450)	(550)	(560)	(570)

Prime RBC units: (600)

Prime FFP units: (610)

Total Volume (ml): (620)

CPB Utilization (630)  Full CPB  Combination  None

Pump Time (min): (640)  (650) Clamp Time (min):

Circulatory Arrest (660)  Yes  No (670) Circulatory Arrest Time:

Returned to bypass: (680)  Yes  No (690) Bypass Additional Minutes:

Returned to bypass Reason:

Hemodynamic instability (700)  Respiratory Insufficiency (715)  
 Technical - Graft revision (710)  Technical - Bleeding (720)  Technical - Valve (730)  
 Other (740)  (750)

Clamp / Arrest Type (760)  Yes, Cardioplegia  Yes, V fib  None

Cardioplegia Solution (770)  1:1  4:1  Crystalloid  Variable  None  
 2:1  8:1  Crystalloid - Custodial  Microplegia

Cardioplegia Regime (780)  Intermittent  Continuous

Induction Details Temperature: (790)  Cold  Tepid  Warm

Route (800)  Antegrade  Retrograde  Both

Maintenance Details Temperature: (810)  Cold  Tepid  Warm

Route (820)  Antegrade  Retrograde  Both

Hot Shot Used: (830)  Yes  No

Total Cardioplegia Volume:  (840)

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Prox Technique Used (850)  Single Clamp  Reperfusion  None

Aortic Assessment  TEE (860)  Epiaortic (870)  Palpitation (880)

Aortic Grading (890)  None  Mild  Moderate  Severe  Impenetrable

Cannulation Changed: (900)  Yes  No

Location	Highest	Lowest	Location	Highest	Lowest
Bladder: (910)	<input type="text"/>	<input type="text"/> (920)	Jugular Bulb: (970)	<input type="text"/>	<input type="text"/> (980)
Nasopharyngeal: (930)	<input type="text"/>	<input type="text"/> (940)	Rectal: (990)	<input type="text"/>	<input type="text"/> (1000)
Esophageal: (950)	<input type="text"/>	<input type="text"/> (960)	Tympanic: (1010)	<input type="text"/>	<input type="text"/> (1020)
Other:	<input type="text"/>	<input type="text"/>	Other: (1030)	<input type="text"/>	<input type="text"/> (1040)

Highest arterial (inflow) blood Temp: (1050)

Target CPB Separation Temp: (1060)  Separation Target Site:  (1070)

First intraop HCT:  (1080) Last PreCPB HCT:  (1090)

First HCT on CPB:  (1100) Lowest HCT on CPB:  (1110)

Last HCT on CPB:  (1120) First HCT in ICU:  (1130)

	Intraop (CPB)		Intraop (no CPB)	
	Vol	Units	Vol	Units
RBC: (1140) <input type="radio"/> Yes <input type="radio"/> No				
FFP: (1170) <input type="radio"/> Yes <input type="radio"/> No		<input type="text"/> (1150)		<input type="text"/> (1160)
Platelets: (1200) <input type="radio"/> Yes <input type="radio"/> No		<input type="text"/> (1180)		<input type="text"/> (1190)
Cell Saver: (1230) <input type="radio"/> Yes <input type="radio"/> No		<input type="text"/> (1210)		<input type="text"/> (1220)
Whole Blood: (1260) <input type="radio"/> Yes <input type="radio"/> No	<input type="text"/> (1240)		<input type="text"/> (1250)	

Was the RBC Volume washed with cell saver prior to administration?: (1290)  Yes  No

0.9% Saline (ml): (1300)

Lactated Ringers (ml): (1310)

Plasmalyte / Normosol (ml):  (1320)

Hartmanns (ml): (1330)

Other (ml):

Albumin 5% (ml):  (1340) Albumin 25% (ml): (1350)

Starch Solution (ml):  (1360)

Total pre-cpb perioperative crystalloid volume (ml): (1370)

Total Volume Administered (meds, fluids, asanguineous cardioplegia (ml): (1380)

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## Renal Management:

Furosemide Total dose (mg):  (1390)

Sodium Bicarb Total dose (mEq):  (1400)

Vasopressin Use Total Dose (mg):  (1410)

## Glucose Management:

First Intraop Glucose (g/dl)  (1420)

Highest Intraop Glucose (g/dl) (1430)

Last Intraop Glucose (g/dl)  (1440)

Intraoperative Insulin drip: (1450)  Yes  No

Inotrope Count at ICU arrival:  (1480) @ 4 hours post op:  (1490) @ 48 hours post op:  (1500)

Inotrope Wean From CPB:  Yes  No (1460) If yes #:  (1470)

Autologous Blood Harvest:  Yes  No (1510) Volume (if yes) (ml):  (1520)

ANH Volume returned preCPB  (1530) ANH Volume Returned on CPB  (1540)

## Residual pump volume processing:

Direct Infusion (1550)  Centrifugation (ATS) (1560)  Ultrafiltration (1570)

Autologous Circuit Prime:  Yes  No (1580) Volume (if yes) (ml):  (1590)

Ultrafiltration:  Yes  No (1600) Zero balance UF:  Yes  No (1610)

Post CPB Ultrafiltration:  Yes  No (1620)

Unprocessed cardiomy suction returned to bypass circuit: (1630)  Yes  No

Type	Intraop CPB	Intraop PostCPB
Ultrafiltrate (ml):	<input type="text"/> (1640)	<input type="text"/> (1650)
Urine (ml):	<input type="text"/> (1660)	<input type="text"/> (1670)