



Welcome to PDS Perfusion Pro 2.0!



Welcome Screen

Choose New Case – Opens up the event screen.

Previous Case – Choose previous case from a list and opens up the event screen.

New Case for Previous Case – Choose Case - Uses previous patient info but creates a new event screen.

Reports – Choose patient and choose a report to print.

A preliminary report is generated, and it can be modified for errors, clarifications, and additions.

These modifications do not change the original program information.

Configuration – Gives you a list with buttons for drugs, equipment, supplies used to configure groups.

Data - HL7 connections.

Exit – To exit the program.

Event Screen – Buttons for the “Event Timers” and a list of buttons to input data

The top “Case Button” Opens Up another list of “Case Details” to input data

The screenshot displays a complex medical data entry interface. At the top, there are several sections of buttons: 'Timers' (CPB, Cool, Clamp, Warm, Timer, Start Data), 'Circulatory Arrest' (CircArrest, Cerebral Perfusion), 'Coronary Perfusion' (Cardioplegia, Coronary Ischemic), and 'Case Completion' (Complete Case, Close). Below these are input fields for 'Flow LPM', 'Pressure Art, Line, PAD, CVP', 'Temperature Perf, Esoph, Blad, Ven', 'Inline Sat Ven %', 'Hct', 'Gas Flow Q, O2 %', 'SEV', and 'Cerebral Ox Left, Right'. A 'Note to include in log (optional)' field is also present. A 'Calculations' section includes 'CI', 'DO2', 'DO2I', and 'SVR' with a 'Log Calc' button. An 'Update every' field is set to '900 seconds' with a 'Log Now' button. On the right side, a vertical stack of buttons includes 'Case', 'General', 'Fluid / Drugs', 'Check List', 'Coronary Perfusion Log', 'Data Device Log', 'STS', 'ACT', 'Blood Gas', and 'Blood Sugar'.

This close-up shows the 'Event Timers' section. It includes buttons for 'CPB 0:00 Start', 'Cool 0:00 Start', 'Clamp 0:00 Start', 'Warm 0:00 Start', 'Timer 0:00 Start', 'Start Data', 'CircArrest 0:00 Start', and 'Cerebral Perfusion 0:00 Start'.

Event Timers

CPB – Toggle - Pump Timer starts and toggle again and the Pump Timer stops = Total Bypass Time

Cool – Toggle - Cool Patient Timer starts and toggle timer again and Cool Timer stops = Total Cooling

Clamp – Toggle - Clamp Timer starts and toggle again and the Clamp Timer stops = Total Clamp Time

Warm – Toggle - Warm Patient Timer starts and toggle timer again and Warm Timer stops = Total Warm

Timer – Toggle – An auxiliary timer starts and toggle timer again and the Timer stops = Total Time

Start Data – Starts Data collection ... if not automatically started with Start CPB Timer or to refresh data

Circ Arrest – Toggle – Circ Arrest starts and toggle again and Circ Arrest timer stops = Total Circ Arrest

Cerebral Perfusion – Toggle – Cerebral Perfusion Timer starts and toggle again and Cerebral Perfusion timer stops = Total Cerebral Perfusion



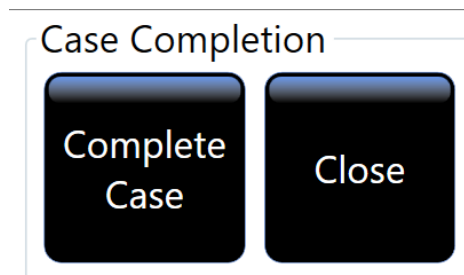
Coronary Perfusion

Cardioplegia – Toggle - Cardioplegia Timer Starts. Toggle Timer again and Timer Stops

As soon as cardioplegia timer stops a window pops opens to input route, temp and CPG delivered.

Timer starts for coronary ischemia after the cardioplegia information is entered and cardioplegia stops.

Coronary Ischemic - Time and Ischemic Timer is started until cardioplegia is given again or the aortic clamp is removed.



Complete Case when finished with charting and you are ready to print the report.

Complete case will open up a preliminary report that will allow you to fill in the information that was missed and you are able to modify this data that was incorrectly entered or delete lines of information that were redundant. The original report cannot be changed.

The preliminary report will show graphs and a calculation table if identified. To include all or some of these items you need to click the X on the top left of each of the graphs if you want them on the report.

After you are finished entering changes, check the PDF file button and it is printed or can be saved.

Live Line Data Input

Flow	Pressure				Temperature				Inline Sat		Gas Flow			Cerebral Ox	
LPM	Art	Line	PAD	CVP	Perf	Esoph	Blad	Ven	Ven %	Hct	Q	O2 %	SEV	Left	Right

These can be configured differently, and other input can be included, and which is done from the configuration screen in setup.

In configuration, each item in the live line can set in a normal range plus or minus. If it is out of the preset range it will show up red or yellow.

Normal ranges are set by the perfusionist.

Flow	Pressure			
LPM	Art	Line	PAD	CVP

LPM can come from the pump if using that pump data module input.

LPM can also be entered manually. For manual, in the configuration setup you can set how long it stays.

Art Pressure can come from the pump if using the pump data module input.

Arterial pressure transducer does not require connection to the monitor. You can get pressure from the patient's arterial line with a 4-way stopcock using a pressure transducer on the pump.

Arterial pressure can also be entered manually. In the configuration setup you can set how long it stays.

Line pressure can come from the pump if using the pump data module input.

PAD pressure can be entered manually. In the configuration setup you can set how long it stays.

CVP pressure can be entered manually. In the configuration setup you can set how long it stays.

Temperature			
Perf	Esoph	Blad	Ven

Perf Temp can come from the pump if using that pumps data module input.

Esoph Temp can be entered manually. In the configuration setup you can set how long it stays.

Bladder Temp can be entered manually. In the configuration setup you can set how long it stays.

Venous Temp can come from the pump if using that pumps data module input.

Venous Temp can be entered manually. In the configuration setup you can set how long it stays.

Inline Sat	
Ven %	Hct

Ven Sat % can come from the pump if using that pumps data module input and the CDI 500 or 550.

Ven Sat % can be entered manually. In the configuration setup you can set how long it stays.

HCT can come from the pump if using that pumps data module input and the CDI 500 or 550.

HCT can be entered manually. In the configuration setup you can set how long it stays.

Gas Flow		
Q	O2 %	SEV

Q , **O2%** and **SEV** can be entered manually. In the configuration setup you can set how long it stays.

Note: If using the Terumo System 1 we can capture the Q and the O2% from that pumps data module.

Cerebral Ox	
Left	Right

Left and **Right** Cerebral Ox can be entered manually. In the configuration you can set how long it stays.

Note to include in log (optional)

For a note you can enter anytime and press **Log Now** and it will get entered into the event log screen.

Calculations

CI DO2 DO2I SVR

Log
Calc

When the calculation values are available it will show the calculations. **Log Calc** sends it as event log.

The calculation values can be from the last blood gas. If the CDI is used it will use the CDI numbers.

Update every

900

seconds

Log
Now

You can **Update seconds** so data is sent to live line as set, which will print to the live line automatically.

Log Now will also allow you to log a line in the event screen.

Configuration Buttons



Name
Terre Haute Regional
test hospital
pppppp

Name Terre Haute Regional

Zip Code 47850

Region USA

National Provider Identifier 1111

Active ☒



Create a list of hospitals used and the pertanent information about the hospital and make **Active**

Equipment Groups

Name
OR 1
OR 2
OR 3

Name

Active ☐

Add

Delete

Equipment Group for the equipment for each Operating Room used,

Name
OR 1
OR 2
OR 3

Name

OR 1

Equipment

Cell Saver/Medtronic/Autolog
 HMS/Medtronic/Heparin Management System
 GGGG/HH/JJJ
 Arterial Pump/Terumo/Roller
 Cardioplegia Pump/Terumo/Roller
 MM/Te/System 1
 xx/S/T4

Active

☒

Done

Delete

Equipment List for each operating room group

Equipment

Equipment Configuration

Type	Manufacturer	Name	Last	Next	Notes
Heater Cooler	OTHER				
HHH					
Cell Saver	Medtronic	Autolog			
HMS	Medtronic	Heparin Management System			
GGGG	HH	JJJ			
Arterial Pump	Terumo	Roller			
Cardioplegia Pump	Terumo	Roller			
MM	Te	System 1			
xx	S	T4			

Type

Manufacturer

Name

Serial Number

Last Service Date

Next Service Date

Billing Code

Notes

Groups ☒ OR 1
☒ OR 2
☒ OR 3

Active ☒

If the same equipment is used in all the groups you can make them all **Active**.

Supply Groups

Name
OR 1
OR 2

Name

Active ☐

Add

Delete

Supply Groups for the disposable supplies for each Operating Room used,

Supplies

Type	Name	Manufacturer
Balloon		AV
Oxygenator	Affinity	Medtronic
Antegrade Cannula	Antegrade Cannula	Medtronic
Arterial Cannula	Aorta	Medtronic
Aortic Vent	Aortic Vent	Medtronic
Suction Tubing	Autolog	Medtronic
Arterial Cannula	Axillary	Medtronic
Femoral Venous	Biomedicus	Medtronic
Cell Saver Cardiectomy	Cardiectomy	Medtronic
Biomedicus	Centrifugal Pump	Medtronic
Arterial Cannula	Femoral	Medtronic
Hemoconcentrator	Hepcorp	Bard
Left Vent Catheter	Left Vent	Medtronic
Sump/Vent	LV Vent	Medtronic
Cardioplegia Delivery	Myotherm	Medtronic
Multiple Perf Set	Octopus	Medtronic
Venous Cannula	One	Medtronic
Arterial Filter	Ped	Medtronic
Pump Pack	Pump Pack A	Medtronic
Cardiectomy	Reservoir	Medtronic

Type

Manufacturer

Name

Lot Number

Expiration Date

Billing Code

Notes

Groups ☐ OR 1
☐ OR 2

Active ☐

Add

If the same supplies are used in all the groups, you can make them all Active.

Staff

Note: for each staff member they can have more than one function.

Phone	Name	Last	First
	Steve		Steve
	roman		
	tom	tommy	
	K	M	L

Name

First Name

Middle Name

Last Name

Phone

Anesthesiologist ☐

Cardiologist ☐

CRNA ☐

Family MD ☐

Perfusionist ☒

Physician Assistant ☐

Surgeon ☐

Active ☒

Done

Report

Name
Default
regional

Name

Address1

Address2

Header Image 

390 px wide by 80 px high

Footer Image

Up to 1600 px wide by 100 px high (16 to 1 ratio)

Active ☒

From the hospital groups, each **Report** has their own header and a footer to image the department.



The **Report Review** is for reviewing the report and to see if any preset items were missed. If missed they can be entered. This to possibly avoid missing important data and on all the reports generated.

You can also choose which report for which surgeon or layout of the report which may be different for some operations.

Type	Name
Basic 2	
Basic 2	regional

Report Type Basic 2

Name

Description

Active ☐

Review Rules

Report

STS

Report Element

Updated Date

Staff

STS

Report Element

1955

Surgeon ☐

Assist ☐

PA ☐

Perfusionist ☐

Category ☐

Status ☐

Assist ☐

Category ☐

Anesthesiologist ☐

Assist ☐

Cardiologist ☐

Family MD ☐

Procedures

Name	Description	Display	CPTCode
Aorta Repair			
Aortic Arch repair			
Aortic Pseudoaneurysm Repair			
Aortic Root Patch			
Aortic Valve annulus reconstruction with bovine pericardium			
Aortic Valve Repair			
Aortic Valve Replacement, Mitral Valve Repair with Annuloplasty, CAB X 3 (LIMA)			
Aortic Valve Replacement			33405
Aortic Valve with Conduit			
Aortotomy			
Asc Aortic Aneurysm			
Asc Aortic Replacement with Hemashield Graft			
Ascending Aortic Wrap			
ASD Repair			
AVR			
Beating heart			
Bentall Procedure			
Bovine Pericardial closure of Aortic Root abscess			
Bovine Pericardial closure of LVOT abscess			
CAB X 1 (LIMA)			
CAB X 1 (SVG)			
CAB X 1			33510
CAB X 2 (LIMA)			
CAB X 2 (LIMA, RRA)			
CAB X 2			33511
CAB X 3 (IMA / LRA)			
CAB X 3 (LIMA)			
CAB X 3 (LIMA, RRA)			
CAB X 3 (LRA)			
CAB X 3			33512
CAB X 4 (LIMA / LRA)			
CAB X 4 (LIMA)			
CAB X 4 (LRA)			
CAB X 4			33513
CAB X 5 (LIMA / RRA)			

Name

CPTCode

Display

Description

Active ☐

Default Info

Add

Add any **Procedure** and save it.

Lab Results

Name	Unit
A GAP	
A/G ratio - albumin/globulin ratio	ratio
ABE	mmol/L
ACT - Activated Clotting Time	seconds
Albumin	g/dL
ALP - Alkaline phosphatase	IU/L
ALT - alanine aminotransferase	IU/L
AST - aspartate aminotransferase	IU/L
B.E.	mEq/liter
BE(B)	mmol/L
BUN/CREA - BUN/creatinine ratio	ratio
BUN - blood urea nitrogen	mg/dL
Ca++	mmol/L
CA - Calcium	mg/dL
CHOLESTEROL - Total cholesterol	mg/dL
CL - Chloride	mEq/L
COHb	%
Creatinine	mg/dL
ctCO2	mmol/L
ECO2	mmol/L
eGFR	ml/min/1.73m2
FIO2	%
Free T3 - Free T3 (free triiodothyronine)	
Free T4 - Free T4 (free thyroxine)	
GLOB	g/dL
Glu	mg/dL
GLUC - Fasting glucose (blood sugar)	mg/dL
HCO3	mmol/L
HCO3-	mmol/L
Hct - Hematocrit (Hct)	%
HDL - HDL (Good) cholesterol	dL
Hep Bolus Indic - Heparin Bolus Indicated	unit
Hep Maint Indic - Heparin Maintenance Indicated	units
Hep Test Conc - Heparin Concentration	mg/kg

Name

Abbreviation

Unit Of Measurement

Description

Expected Low

Expected High

Maximum

High Critical

High Warn

Good Range: Any to Any

Low Warn

Low Critical

Minimum

Lab

Active ☒

Default Info 77(Customized 7/28/2020)

Lab Results can be setup to come with description of what it is and warnings for out of range.

Labs

Unit	Name
	ACT
	Blood Gas
	Blood Sugar
	CBC w/Auto Diff (CBC50)
	CDI 500
	Chemistry Panel
	Complete Blood Count (CBC)
	Comprehensive Metabolic Panel (CMP47)
	Lipid panel (2)
	Lipid Panel (or Lipid Profile)
	Normal Blood Gases
	RAPIDPoint 500 + ACT
	RAPIDPoint 500
	Thyroid
	Vitamin D

Name

Billing Code

Hide Source Row ☐

Hide Temperature Row ☐

Hide Draw Date Row ☐

Hide Draw Time Row ☐

Hide Result Date Row ☐

Hide Result Time Row ☐

Show Quick Button ☒

Quick Button Text

1	☒	pH
2	☒	pO2
3	☒	pCO2
4	☒	Ca++
5	☒	K+
6	☒	tHb
7	☒	sO2
8	☒	Lactic Acid
9	☒	Hematocrit (Hct)
	☐	A GAP
	☐	albumin/globulin ratio
	☐	ABE
	☐	Activated Clotting Time
	☐	Albumin
	☐	Alkaline phosphatase

The **Labs** can be listed in an order as they appear from the lab for easier entry.

Lab Ranges

Lab	Result	Sex	Child	Source	Temperature	Low	High	Min	Max
Blood Gas	pH	Male	False	Arterial	Alpha-Stat	7.3	7.5	7.2	7.6
ACT	ACT	Male	False	Arterial	Alpha-Stat	80	600	70	500

Lab

Lab Result

Sex

Child ☐

Source

Temperature

Expected Low

Expected High

Minimum

Maximum

Lab Ranges can be set for each Lab Result

General Events

Display	Quick	Note	Description
	True	Defibrillate	
	False	Hemoconcentrator Used	
	True	Heparin Drip 50units/Kg/hr	
	True	Heparin Drip Off	
	False	Partial Aortic Clamp	
	True	Left Leg Incision	
	False	Right Leg Incision	
	True	Chest Incision	
	True	Warm Blood SVG	
	False		
	True	Blood Gas to the Lab	
	True	NEO bolus PRN	
	True	Pump Flow Reduced/Surgeon	
	True	Pump Flow Reduced/Low Volume	
	True	ACT OK to go ON Bypass	
	False		
	True	Patient in room	

Note

Description

Active ☒

Quick ☒

Display

General Events are set up in advance to make buttons for most information sent to the Event screen.

Checklists

Name	Active?
Default Checklist	Yes

Name
Default Checklist

Description
Checklist created by default

Groups

☐ Anticoagulation
☒ Assisted Venous Return
☐ Backup
☒ Cardioplegia
☐ Components (Lines/Pump Tubing)
☐ Electrical
☐ Emergency Restart Bypass
☐ Gas Supply
☐ Monitoring
☐ Patient
☐ Post Bypass Checklist
☐ Pump
☐ Safety Mechanisms
☐ Standard 18: Maintenance
☐ Sterility / Cleanliness
☐ Supplies
☐ Temperature Control
☐ Termination Checklist

Active
☒

Done

Report Review
Procedures
Lab Results
Labs
Lab Ranges
General Events
Checklists
Checklist Groups
Checklist Items
Fluids / Drugs

Create you own or use the groups identified for the **Checklists**.

Checklist Groups

Name	Active?
Anticoagulation	Yes
Assisted Venous Return	Yes
Backup	Yes
Cardioplegia	Yes
Components (Lines/Pump Tubing)	Yes
Electrical	Yes
Emergency Restart Bypass	Yes
Gas Supply	Yes
Monitoring	Yes
Patient	Yes
Post Bypass Checklist	Yes
Pump	Yes
Safety Mechanisms	Yes
Standard 18: Maintenance	Yes
Sterility / Cleanliness	Yes
Supplies	Yes
Temperature Control	Yes
Termination Checklist	Yes

Name

Description

☐ 1	☒	Anticoagulant tested and reported
☐ 2	☒	Heparin time and dose confirmed
☐	☐	Alarms operational, audible and engaged
☐	☐	Alarms reengaged
☐	☐	Allergies checked
☐	☐	Anesthetic gas scavenger line operational
☐	☐	Anesthetic vaporizer correct
☐	☐	Anesthetic vaporizer
☐	☐	Announce bypass terminated
☐	☐	Appropriate lines claimed / shunts closed
☐	☐	Arterial and venous lines clamped
☐	☐	Arterial circuit bubble free before transfusing perfusate
☐	☐	Arterial filter / bubble trap debubbled
☐	☐	Backup full oxygen tank with flow meter available
☐	☐	Batteries charged and operational
☐	☐	Blood bank number confirmed
☐	☐	Blood products available
☐	☐	Blood type / antibodies confirmed
☐	☐	Cardiotomy / hardshell venous reservoir(s) vented
☐	☐	Cardiotomy positive-pressure relief valve present
☐	☐	Cell salvage device
☐	☐	Chart reviewed
☐	☐	Circuit/patient temperature probes placed
☐	☐	Components debubbled

Choice what you want to include in each **Checklist Group**

Checklist Items

Name	Active?
Alarms operational, audible and engaged	Yes
Alarms reengaged	Yes
Allergies checked	Yes
Anesthetic gas scavenge line operational	Yes
Anesthetic vaporizer correct	Yes
Anesthetic vaporizer	Yes
Announce bypass terminated	Yes
Anticoagulant tested and reported	Yes
Appropriate lines claimed / shunts closed	Yes
Arterial and venous lines clamped	Yes
Arterial circuit bubble free before transfusing perfusate	Yes
Arterial filter / bubble trap debubbled	Yes
Backup full oxygen tank with flow meter available	Yes
Batteries charged and operational	Yes
Blood bank number confirmed	Yes
Blood products available	Yes
Blood type / antibodies confirmed	Yes
Cardiotomy / hardshell venous reservoir(s) vented	Yes
Cardiotomy positive-pressure relief valve present	Yes
Cell salvage device	Yes
Chart reviewed	Yes
Circuit/patient temperature probes placed	Yes
Compenents debubbled	Yes
Components checked for package integrity/expiration	Yes
Connections / stopcocks / caps secure	Yes
Devices securely attached to console	Yes
Drugs available and properly labeled	Yes
Duplicate circuit components / hardware available	Yes
Emergency lighting / flashlight available	Yes
Equipment clean	Yes
Flow meter / gas blender operational	Yes
Flow meter in correct direction and calibration	Yes
Flow rate indicator correct for patient and/or tubing size	Yes
Gas exhaust unobstructed	Yes
Gas flow confirmed	Yes

Name

Description

Active ☒

[Done](#)

- Report Review
- Procedures
- Lab Results
- Labs
- Lab Ranges
- General Events
- Checklists
- Checklist Groups
- Checklist Items
- Fluids / Drugs

Allows you to create your own **Checklist Items**

Fluids / Drugs

Generic Name	Common Name	Units	Concentration	From	To	Quick
Additive Volume		mL		External	Pump Reservoir	False
Adenosine		mg	6 mg per 2 mL	External	Pump Reservoir	False
Albumin 25% 100ml		g	25 g per 100 mL	External	Pump Reservoir	True
Albumin 25% 50ml	Albumin 25% 50ml	g	12.5 g per 50 mL	External	Pump Reservoir	True
Albumin 5% 250ml		g	12.5 g per 250 mL	External	Pump Reservoir	False
Albumin 5% 500ml		g	25 g per 500 mL	External	Pump Reservoir	False
Aminocaproic Acid	Amicar	g	5 g per 20 mL	External	Pump Reservoir	False
Amiodarone		mg	150 mg per 3 mL	External	Pump Reservoir	False
Cefazolin	Ancef	g	1 g per 10 mL	External	Pump Reservoir	False
Potassium Chloride	Arrest Volume	mEq	40 mEq per 20 mL	External	Pump Reservoir	True
Sodium Bicarbonate	Bicarb	mEq	50 mEq per 50 mL	External	Pump Reservoir	True
Calcium Chloride		g	1 g per 10 mL	External	Pump Reservoir	True
Cell Saver In		mL		Pump Reservoir	Cell Saver Reservoir	False
Cell Saver RBC		mL		Cell Saver Bowl	Cell Saver RBC Bag	True
Dextrose-50%	Dextrose	g	25 g per 50 mL	External	Pump Reservoir	False
Glutamate/Aspartate Reperfuse	Enhanced Cardioplegia Solution	mL		External	Pump Reservoir	False
Estimated Blood Loss		mL		Patient	External	True
FFP		mL		External	Pump Reservoir	False
Isoflurane	Forane	hour		External	Patient	True
Furosemide		mg	20 mg per 2 mL	External	Pump Reservoir	False
Heparin		U	1000 U per 1 mL	External	Pump Reservoir	True
Insulin Regular		U	100 U per 1 mL	External	Pump Reservoir	False
Lidocaine 2%		mg	100 mg per 5 mL	External	Pump Reservoir	False
Magnesium Sulfate	Mag Sulfate	g	1 g per 2 mL	External	Pump Reservoir	True
Mannitol 20%		g	50 g per 250 mL	External	Pump Reservoir	False
Mannitol 25%	Mannitol 25%	g	12.5 g per 50 mL	External	Pump Reservoir	True
Methylprednisolone		mg	125 mg per 4 mL	External	Pump Reservoir	False
Sodium Chloride 0.9%	Normal Saline	mL		External	Pump Reservoir	False
Normosol		mL		External	Pump Reservoir	True
PHENYLEphrine in 0.9% NaCl PREMIX		mg	20 mg per 252 mL	External	Pump Reservoir	False
Phenylephrine		mcg	100 mcg per 1 mL	External	Pump Reservoir	False
Plasmalyte		mL		External	Pump Reservoir	False
Plegisol		mL		External	Pump Reservoir	True
Potassium Chloride	Potassium Chloride Premix	mEq	40 mEq per 100 mL	External	Pump Reservoir	False
PPB		mL		External	Pump Reservoir	True

Generic Name

Common Name

Description

Billing Code

Billing Amount

Units

Concentration

Default Note

From

To

Prime ☐

Drug ☒

Enter amount for unit

Cardioplegia ☐

Blood ☐

Hematocrit

Active ☒

Quick ☒

Display

Amount

Default Info 62

Fluids / Drugs can be set up for easy entry to include the units, and amount in advance and made active.

Fluids / Drugs Mixture

Name	Common Name	From	To	Quick
Cardioplegia Mix	Cardioplegia	External	Patient	True
Prime	Prime add	External	Patient	True
Spike Cardioplegia	Cardioplegia Spike	External	Patient	True

Name

Common Name

Description

BillingCode

Default Note

From

To

Quick ☒

Display

Amount

Prime ☐

Cardioplegia ☒

Sort Order	Amount (mL)	Drug / Fluid
0	1,000	☒ Plegisol
0	50	☒ Potassium Chloride
0	5	☒ Sodium Bicarbonate
		☐ Additive Volume
		☐ Adenosine
		☐ Albumin 25% 100ml
		☐ Albumin 25% 50ml
		☐ Albumin 5% 250ml
		☐ Albumin 5% 500ml
		☐ Aminocaproic Acid
		☐ Amiodarone
		☐ Calcium Chloride

Drugs Mixture makes it so you can choose a group of drugs for a single entry.

Fluid Locations

Name	Type
Anesthesia	External
Bloodbank Blood bag	External
Cell Saver Bowl	
Cell Saver RBC Bag	
Cell Saver Reservoir	Patient
Cell Saver Waste Bag	External
Drip Bag	External
External IV	External
External	External
Patient	Patient
Pump Reservoir	Patient
Retrograde Arterial Prime (RAP) bag	
Ultrafilter bag	External
Urine waste bag	External

Name

Type

Active ☒

Default Info 1

Done

Locations are for identifying if the drug or fluid is transfused to the patient for in out volumes.

Cardioplegia

Type	Name	Display	Dose	Quick	Blood	Solution	Temp
	1:1			False	1	1	
	10:1			False	10	1	
				False	0	1	
				False	1	0	
				False	50	1	
Microplegia -	Retrograde MPS	RET Quest MPS	500	True	60	1	6
	2:1			False	2	1	
	3:1			False	3	1	
Plegisol -	Antegrade CPG 4:1	ANT CPG 4:1	500	True	4	1	5
	5:1			False	5	1	
	6:1			False	6	1	
	7:1			False	7	1	
	8:1			False	8	1	
	9:1			False	9	1	
				False	4	1	
Plegisol -	Retrograde CPG 4:1	RET CPG 4:1	500	True	4	1	5
	10:1			False	10	1	
				False	4	1	
				False	4	1	
				False	4	1	
				False	4	1	
				False	60	1	
QUEST 60:1 -	Retrograde (Mg mg & KCL mg)	RET Quest with DRUGS	100	True	60	1	3
Blood -	Retrograde	RET Blood	Continuous	True			5
Blood -	Antegrade	ANT Blood	Continuous	True			5
QUEST 60:1 -	Antegrade (Mg mg & KCL mg)	ANT Quest with Drugs	200	True	60	1	4
Microplegia -	Antegrade MPS	ANT Quest MPS	400	True	60	1	5
				False	60	1	

Name

Description

Blood Part

Solution Part

Solution Contents

Active ☒

Quick ☒

Display

CPGType

Dose cc

Temp celcius

Cardioplegia formulas in advance for easy entry for each formula when entering Cardioplegia

Data Devices

Port	Rate	Hand Shake	Data Bits	Name	Type

Name

Description

Type

Connection

Hand Shake

Baud Rate

Data Bits

Active ☐

Data Devices are for HL7 connections.

Registration

ClientId: LY-OEFQCX-HYWE7F-7R6CM5-SF3P2M

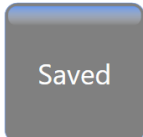
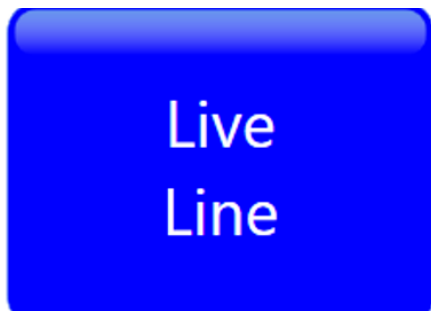
Registration Type: Testing

Registration Organization: PDS Medical Solutions

Registration Expiration Date: 12/31/2021

Last Updated 9/16/2020 12:09:35 PM

Update From
Perfusion Pro
Server



Group	Label
Flow	LPM
Flow	RPM
Pressure	Art
Pressure	Line
Pressure	PAD
Pressure	VAVD
Pressure	CVP
Temperature	Perf
Temperature	Esoph
Temperature	Blad
Temperature	Ven
Inline Sat	Ven %
Inline Sat	Hct
Gas Flow	Q
Calculations	CI
Calculations	DO2
Calculations	DO2I
Calculations	SVR
Gas Flow	O2%
Gas Flow	ISO
Gas Flow	SEV
Cerebral Ox	Left
Cerebral Ox	Right

Group Name

Label

Display Order

Time to remove value if not changed Minutes
(Using 1 minute will remove right after logging)

Time to show reminder after previous entry Minutes

Manual Log Only ☐

Clear at Pump Off ☒

Show Line Chart ☒

High Limit

High Critical

High Warn

Good Range: 2 to 5.5

Low Warn

Low Critical

Low Limit

Active ☒

Default Info 1(Customized 7/28/2020)

Live line can be reconfigured and set to stay active if using manual. Warnings can be setup for each.

