

HPAP-187 Donor Summary



HPAP	187	UNOS	
Recovery OPO	PADV - Gift of Life Donor Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	51	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Asian	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="96"/> Hours <input type="text" value="34"/> Mins.
ABO (Rh)	A1 Positive	Cross Clamp Time	01/30/2025 21:13 EST
BMI (Kg/m ²)	26.65	Cold Ischemia Time*	<input type="text" value="14"/> Hours <input type="text" value="27"/> Mins.
Weight (kg)	79.5		
Height (cm)	172.72		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Belzer Cold Storage/Viaspan/SPS-1
Mechanism of Injury	Intracranial Hemorrhage/ Stroke	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text" value="00"/> Hours <input type="text" value="35"/> Mins.
CPR / Time	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Organs Discarded	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	-----	Blood Culture	NA
Date /Time of Admission	01/26/2025 20:39 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Patchy bibasilar findings may indicate atelectasis or aspiration, with no pleural effusion or pneumothorax.

*Cold Ischemia time is calculated from time of cross clamp to start of enzyme perfusion for islet isolation.



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Medical History:

		Duration	Medications	Compliance
Type of Diabetes	DM II	diagnosed 2003 (22 Years)	5 mg Mounjaro past year 2024	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	unknown	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Maternal uncle, and two cousins	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Cataract surgery both left and right 8/2024, Circumcision 1978			
Comments:	<p>Medical Hx: HTN; HLD; Moyamoya, cellulitis of right upper arm, non-compliant with medications. previous CVA (11/2018), diagnosed during admission in November 2018. Allergic to penicillin, seasonal allergies</p> <p>Social Hx: Smoked 1/2 ppd cigarettes and cigars on and off for years, quit in 2018.</p> <p>Alcohol Hx: Beer and liquo, would drink heavily for a week, then not at all. When he drank heavily, it was 1/4 of a 750ml bottle of liquor, a 6-pack of beer, or a 4-pack of IPAs. On special occasions, he'd have 4 drinks in a sitting.</p> <p>Jailed overnight in 2012/2013 for a domestic dispute and gun possession in NJ.</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	122/61	
Average Low BP During Hospitalization	76/60	Duration: 5-6 min
Average BP in OR (mmHg)	114/66	
Average Low BP in OR (mmHg)	99/54	Duration: 10 min.
Average HR in OR (bpm)	90	
ABG-pH range	7.2 – 7.47	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	20 mcg/min. started 95:51 hrs. before organ recovery	
Vasopressin	-----	0.03 units/min. started 88:57hrs. before organ recovery	
Neo-Syneprine	-----	150 mcg/kg	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	8 mcg/min	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	150 mcg/kg	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2
ND	ND

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	0.007	-0.010
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.97	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	11	11	Class II	DR	13	15
	B	13	60		DR51	N-Negative	51
	C	12	7		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	6
			DQA1		01	05	
			DPB1		02:02	13:01	
			DPA1		02	04	
Comment:							

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Confirmatory HLA (UPENN)*

Not performed for HPAP-T2D program

Class 1	A			Class II	DRB1		
	B				DRB3		
	C				DRB4		
					DRB5		
					DQB1		
					DQA1		
					DPB1		
					DPA1		

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV	Positive	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	NA	✓	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	136	169	160
Creatinine (<1.5)	1.83	2.61	2.61
Glucose (mg/dL) (60-150)	575	575	351
HbA1C%	9.8 (01/30/2025)	-----	-----
Total bilirubin (0-1.0)	0.6	0.8	0.5
SGOT (AST) (0-40)	213	213	159
SGPT (ALT) (5-35)	100	109	37
Alkaline phosphatase (45-110)	98	98	85
Serum Amylase (23-851)	85 (01/28/2025)	109	27
Serum Lipase (0-80)	14	71	9
WBC (THO/uL) (4.5-11.0)	19.8 (01/12/2025)	24.5	21.3
Hgb (g/dL) (12-16)	12.4 (01/12/2025)	17.7	11
Platelets (THO/uL) (150-350)	85	179	62
INR (<2.0)	1.2	1.4	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive: >1000	Negative	Positive: 50	Negative

Medications During Hospitalization

Steroids**	Solumedrol 1 gm		
Diuretics	Manitol (25%) 1 dose 75 gm started 87:28 before organ recovery.		
T3 Protocol	-----		
T4 Protocol*	40 mcg/hr		
Insulin**	7.5 units/hr. started 94:53 hrs. before organ recovery for the duration of 8:40 hrs. 12-20 units started 84:58 hrs before organ recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Propofol, Cefepime 1- 2 gm, Potassium Chloride 20 mEq, Ceftriaxone 2gm, 3% NaCl, Vancomycin 2gm	Specify	

*T4 protocol: Levothyroxine, (20 mcgs), Solumedrol (2 gms,) Dextrose 50%, (1 amp), Regular Insulin (20u), Vasopressin (1 unit)

Mi Z, Novitzky D, Collins JF, Cooper D KC. The optimal hormonal replacement modality selection for multiple organ procurement from brain-dead organ donors. Clinical Epidemiology 2015;7 17-27.

** Excluding T4 Protocol