

HPAP-191 Donor Summary



HPAP	191	UNOS	
Recovery OPO	GLDP- Gift of Life Donor Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	45	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Hispanic	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	76 Hours 26 Mins.
ABO (Rh)	O Positive	Cross Clamp Time	04/29/2025 16:38
BMI (Kg/m²)	38.03	Cold Ischemia Time*	16 Hours 57 Mins.
Weight (kg)	127.2		
Height (cm)	182.88		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Belzer/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 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:	01 Hours 02 Mins. Liver not recovered. Time refers to flush time to recovery time.
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	No Downtime	Blood Culture	Not performed
Date /Time of Admission	04/26/2025 12:12 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Low lung volumes. Stable bibasilar and left midlung opacities, likely aspiration/pneumonia. No 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	T2D	Unknown	Unknown	Unknown
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	yes	4 years	Diuretics	Yes, But stopped HTN meds a week before hospitalization due to illness.
Hyperlipidemia	----	----	----	----
Autoimmune disease	----	----	----	----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	<p>Medical Hx: Hypertension, back pain, varicose veins, headache reported about 2 weeks prior, lasted a few days.</p> <p>Medication Hx: Tylenol Unk. dosage used for years on and off.</p> <p>Social Hx: Drank a 6 pack of beer daily for his adult life.</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	138/72	
Average Low BP During Hospitalization	78/38	Duration: 10 min.
Average BP in OR (mmHg)	150/90	
Average Low BP in OR (mmHg)	118/70	Duration: 5 min.
Average HR in OR (bpm)	90	
ABG-pH range	7.198 - 7.44	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	----	----
Vasopressin	----	0.04 units/min Started 81:57 hrs. before organ recovery	
Neo-Synephrine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	100-200 mcg/min started 81:46 hrs. before organ recovery	
Dopamine	----	----	----

Blood Products/Meds Transfused Intraoperative



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Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	100 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	40,000	-----

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	-0.001	-0.002
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	8.54	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	68	Class II	DR	8	14
	B	35	35		DR51	N-Negative	N-Negative
	C	4	4		DR52	N-Negative	52
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	4
			DQA1		04	05	
			DPB1		04:02	04:02	
DPA1			01	01			
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 (Total Ab)	Positive	✓	–
HBcAb	Non-Reactive	✓	–
HBsAg	Non-Reactive	✓	–
HCV Ab	Non-Reactive	✓	–
HIV I/II	ND	–	–
HIV Ag/Ab Combo	Non-Reactive	✓	–
Syphilis	Non-Reactive	✓	–
Procleix Ultrio	ND	–	–
Ultrio HBV	Non-Reactive	✓	–
Ultrio HCV	Non-Reactive	✓	–
Ultrio HIV	Non-Reactive	✓	–
Toxoplasma Ab	Positive	✓	–
WNV	Non-Reactive	✓	–
SARS-CoV-2	Negative	✓	–

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	139	160	158
Creatinine (<1.5)	0.67	2.52	2.27
Glucose (mg/dL) (60-150)	255	317	201
HbA1C%	6.7	-----	-----
Total bilirubin (0-1.0)	0.6	2.6	0.9
SGOT (AST) (0-40)	90	90	47
SGPT (ALT) (5-35)	85	85	22
Alkaline phosphatase (45-110)	136	136	73
Serum Amylase (23-851)	39	87	76
Serum Lipase (0-80)	11	20	20
WBC (THO/uL) (4.5-11.0)	17.2	17.2	13.2
Hgb (g/dL) (12-16)	17.9	17.9	12.7
Platelets (THO/uL) (150-350)	208	208	141
INR (<2.0)	1	1.4	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Negative	Negative	NA

Medications During Hospitalization

Steroids**	-----
Diuretics	Furosemide 40 mg, Bumex 1 mg
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	Insulin-Regular 6 units (1 dose), started 78:38hrs. before organ recovery
Antihypertensive	a single dose of Amlodipine 10 mg at 83:50 hours and a single dose of Labetalol 10 mg at 87:41 hours prior to organ recovery
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	-----
Other	Ancef 1gm, Methylprednisolone 1-4 gm, Albuterol 1 Neb, Nicardipine 7-12.5 mg/hr, Keppra 3500 mg, Potassium Chloride 20 mEq

*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