



HPAP-122 Donor Summary

HPAP	122	UNOS	
Recovery OPO	GLDP- Lehigh Valley Hospital	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	21	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Caucasian	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	122 Hours 26 Mins.
ABO (Rh)	O (unable to obtain valid Rh result)	Cross Clamp Time	04/22/2022 05:26
BMI (Kg/m ²)	30.05	Cold Ischemia Time*	10 Hours 38 Mins.
Weight (kg)	79.4		
Height (cm)	162.56		
Cause of Death	Head Trauma	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	Blunt Injury	Organs Recovered	Heart <input 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 checked="" type="checkbox"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 5 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	Unknown	Blood Culture	No Growth
Date /Time of Admission	04/17/2022 03:00	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bilateral lower lobe infiltrates and/or atelectasis is noted. A small right-sided pleural effusion is noted.

*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	-----	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Great grandmother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Social Hx: Vaping on/off for 2 years, smoked marijuana for 3 years, last used prior to admission Pt drank 1 hard seltzer a few times a year for 2 years. Pt had her upper gum pierced in the last 12 months.			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/73	
Average Low BP During Hospitalization	61/42	Duration: 5 minutes
Average BP in OR (mmHg)	100/50	
Average Low BP in OR (mmHg)	89/54	Duration: 5 minutes
Average HR in OR (bpm)	100	
ABG-pH range	7.07 – 7.49	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	245- 930	4	1771
PRBCs	325-975	4	2600
Whole Blood	1000	1	1000
Platelets	240-245	2	485
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	1 unit started 38:15 hrs. before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	70 mcg/min started 58.00 hrs before organ recovery	
Dopamine	-----	-----	-----



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	10 mcg/kg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
NA	NA

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	1	0	0.002	-0.003
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	21.16	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	02	11	Class II	DR	01	01
	B	44	44		DR51	N-Negative	N-Negative
	C	05	05		DR52	N-Negative	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Negative			DQB1	05	05
					DQA1	01	01
					DPB1	03:01	79:01
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	02:20	11:01	Class II	DRB1	01:01	-----
	B	44:02	-----		DRB3		
	C	05:01	-----		DRB4		
					DRB5		
					DQB1	05:01	-----
					DQA1	01:01	-----
					DPB1	03:01	79:01
					DPA1	01:03	-----

*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	Not Done	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Undetected	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	144	162	162
Creatinine (<1.5)	1.52	1.52	0.99
Glucose (mg/dL) (60-150)	308	308	168
HbA1C%	5.5	-----	-----
Total bilirubin (0-1.0)	0.2	1.6	1.6
SGOT (AST) (0-40)	125	771	114
SGPT (ALT) (5-35)	117	218	102
Alkaline phosphatase (45-110)	82	106	66
Serum Amylase (23-851)	-----	94	72
Serum Lipase (0-80)	-----	313	313
WBC (THO/uL) (4.5-11.0)	8.7	36.6	14.4
Hgb (g/dL) (12-16)	10.2	11.6	10.1
Platelets (THO/uL) (150-350)	195	222	91
INR (<2.0)	1.7	1.7	1.2

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Positive: 150-299	Positive: 150-449	Negative

Medications During Hospitalization

Steroids**	2 g / 50ml Solumedrol, 1000mg / 16 ml Methylprednisolone (6 doses) started 38:15hrs. before organ recovery for the duration of 35:02 hrs.		
Diuretics	Bumex 1 mg , Furosemide 40 mg started 12:47 before organ recovery, Mannitol 50gm		
T3 Protocol	-----		
T4 Protocol*	40 mcg/hr. started 44:48 hrs before organ recovery.		
Insulin**	Insulin-Regular 20 units		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Cefepime 1000mg, Levothyroxine 20 mcg, ipratropium – albuterol 2.5 mg, Potassium Chloride 20mEq, Potassium Phosphate 15 mmol, Sodium Phosphate 15 mmol, DuoNeb 3ml, Flagyl 500mg	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