

HPAP-123 Donor Summary



HPAP	123	UNOS		
Recovery OPO	NCNC – Honor Bridge	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	25	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Race	White	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	162 Hours 40 Mins.	
ABO (Rh)	O Positive	Cross Clamp Time	04/27/2022 04:50 EDT	
BMI (Kg/m²)	21.352	Cold Ischemia Time*	11 Hours 46 Mins.	
Weight (kg)	67.5000			
Height (cm)	177.80			
Cause of Death	Anoxia	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA	
Mechanism of Injury	Cardiovascular	Organs Recovered	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input 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:	<input type="checkbox"/> Hours <input type="checkbox"/> Mins. NA	
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 20 minutes	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	30 Minutes	Blood Culture	Negative	
Date /Time of Admission	04/20/2022 10:10 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	stable right basilar opacity may represent atelectasis, aspiration or infiltrate.	

*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	T1D	~3 years	insulin aspart U-100 100 unit/mL Insulin glargine 100 unit/mL (3ml)	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Maternal Grandmother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	<p>Medical Hx: asthma as a baby and used nebulizer but went away.</p> <p>Medication Hx: Buprenorphine 8-2 mg BID, Clonazepam 1 mg BID, Adderall 20mg BID, Depakote 250 and 500mg, NovoLog FLEXPEN 100 unit/mL (3 mL)</p> <p>Subcutaneous Insulin Pen, insulin glargine (Basaglar KwikPen U-100 Insulin) 100 unit/mL (3 mL) Subcutaneous Insulin Pen.</p> <p>Social Hx: Heroin daily for 3 years the last time used when he was 18 years old, Marijuana, vaping , drinking a couple of beers on weekends about 5 or 6 years</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	118/73	
Average Low BP During Hospitalization	86/49	Duration: 5-15 min.
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	6.82 – 7.54	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	4 MCG/MIN started 30:30hrs. before organ recovery for the duration of 7:41 hrs.	
Vasopressin	-----	Arginine vasopressin started 144:32hrs before organ recovery for the duration of 38:33hrs.	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	NA	NA	NA
PRBCs	NA	NA	NA
Platelets	NA	NA	NA
Norepinephrine (Levophed)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Synephrine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

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	161	0	0.357	0.031
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.07	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	----	Class II	DR	4	13
	B	51	45		DR51	N-Negative	N-Negative
	C	05	06		DR52	N-Negative	52
	Bw4	Positive			DR53	53	N-Negative
	Bw6	Positive			DQB1	7	6
			DQA1		03	01	
			DPB1		04:01	15:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	02:01	-----	Class II	DRB1	04:01	13:02
	B	45:01	51:01		DRB3	03:01	-----
	C	05:01	06:02		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:01	06:04
					DQA1	01:02	03:03
					DPB1	04:01	15:01
					DPA1	01:03	01:04

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV	Negative	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	ND	-	-
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)	115	159	156
Creatinine (<1.5)	4.89	4.89	1.27
Glucose (mg/dL) (60-150)	1346	1346	255
HbA1C%	9.7	-----	-----
Total bilirubin (0-1.0)	0.8	1.5	ND
SGOT (AST) (0-40)	30	161	43
SGPT (ALT) (5-35)	16	65	46
Alkaline phosphatase (45-110)	119	128	120
Serum Amylase (23-851)	11	-----	-----
Serum Lipase (0-80)	11	-----	-----
WBC (THO/uL) (4.5-11.0)	30.26	30.26	8
Hgb (g/dL) (12-16)	13.2	16.6	11
Platelets (THO/uL) (150-350)	192	192	88
INR (<2.0)	1	1.5	-----

Urinalysis

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

Medications During Hospitalization

Steroids**	Methylprednisone		
Diuretics	Lasix		
T3 Protocol	----		
T4 Protocol*	yes		
Insulin**	insulin glargine 100u/ml (13 units SQ) insulin regular, Last Rate: 5.4 Units/hr		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Buspirone 30 mg, Heparin 5,000 u, Piperacillin 3.375 g, Fentanyl 100mcg/hr, Propofol 40mcg/kg/min, lactated Ringer's, potassium chloride in NS, D5%-0.45% sodium chloride, acetaminophen 650mg, Unasyn, Vanc	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