



HPAP-151 Donor Summary

HPAP	151	UNOS	
Recovery OPO	MIOP-Gift of Life Michigan	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	31	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Black or African American	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="302"/> Hours <input type="text" value="19"/> Mins.
ABO (Rh)	A1 Positive	Cross Clamp Time	05/04/2023 13:35 EDT
BMI (Kg/m²)	17.3	Cold Ischemia Time*	<input type="text" value="21"/> Hours <input type="text" value="13"/> Mins.
Weight (kg)	58.6000		
Height (cm)	184.00		
Cause of Death	CEREBROVASCULAR/STROKE	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/>
Mechanism of Injury	INTRACRANIAL HEMORRHAGE / STROKE	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input 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="43"/> 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	No Downtime	Blood Culture	No growth 5 days
Date /Time of Admission	04/21/2023 23:16 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bilateral perihilar opacities in the lungs, but no merging opacity at the lower left lung, and visible air bronchograms.

*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	3.5 years insulin-dep diabetes.	Insulin injectable	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> maternal grandmother	Diabetes <input checked="" type="checkbox"/> maternal grandmother, aunt, biological mother/father	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Muscle strengthening/repair surgery to eyes followed by corrective lenses, nose and face. Pt has pins/rods in left ankle/foot due to being hit by a bus			
Comments:	Medical Hx: DM1, dysrhythmias, fetal alcohol syndrome, arthritis, brain atrophy, ADHD, fracture of distal tibia. Social Hx: Drinking 1-2 drinks 3-4 times a year (unknown type or duration). Former smoker (cigars) quit 2020, marijuana use unknown duration			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	124/81	
Average Low BP During Hospitalization	93/65	Duration: 60 Min.
Average BP in OR (mmHg)	118/74	
Average Low BP in OR (mmHg)	86/64	Duration: 5 Min.
Average HR in OR (bpm)	72	
ABG-pH range	7.21 – 7.52	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	223-237	2	460
PRBCs	350	4	1400
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.01 mcg/kg/min started 132:50 hrs. before organ recovery for the duration of 80:15 hrs.	
Vasopressin	-----	Ongoing 2.4 units/hr. started 133:42 before organ recovery	
Neo-Synephrine	-----	100 mcg/min started 139:05hrs. before organ recovery for the duration of 06:03hrs.	
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)	-----	5 mcg/min started 30 min. before cross clamp.	
Vasopressin	-----	2.4 units/hr started 2 hrs. before cross clamp.	
Neo-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

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	0.013	0.001
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	<0.02	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class I	A	3	23	Class II	DR	13	15
	B	53	58		DR51	5*01	N-Negative
	C	04	10		DR52	3*03	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Negative			DQB1	6	No Second Ag detected
					DQA1	01	No Second Ag detected
					DPB1	02:01	11:01
					DPA1	01	02
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	03:01	23:01	Class II	DRB1	13:02	15:03
	B	53:01	58:01		DRB3	03:01	-----
	C	03:02	04:01		DRB4	-----	-----
					DRB5	-----	01:01
					DQB1	06:02	06:09
					DQA1	01:02	-----
					DPB1	02:01	11:01
					DPA1	01:03	02:01

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	POSITIVE	✓	-
EBV IgM	POSITIVE	✓	-
CMV (IgG)	POSITIVE	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Not Done	✓	-
HIV Ag/Ab Combo	Negative		
Syphilis	Non-Reactive	✓	-
Procleix Ultrio (HBV/HCV/HIV-1/HIV-2)	Non-Reactive	✓	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Not detected	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	129	161	129
Creatinine (<1.5)	2.05	2.05	0.48
Glucose (mg/dL) (60-150)	584	584	114
HbA1C%	14	-----	-----
Total bilirubin (0-1.0)	0.2	0.8	0.6
SGOT (AST) (0-40)	13	41	34
SGPT (ALT) (5-35)	18	25	23
Alkaline phosphatase (45-110)	222	446	446
Serum Amylase (23-851)	18	18	11
Serum Lipase (0-80)	10	10	3
WBC (THO/uL) (4.5-11.0)	19.9	19.9	7.1
Hgb (g/dL) (12-16)	13.7	13.7	11.4
Platelets (THO/uL) (150-350)	579	579	231
INR (<2.0)	1.8	2.4	1.4

Urinalysis

	1 st	2 nd	3 rd	4 th - 7 th
Glucose	Positive (>500)	Negative	Negative	Negative

Medications During Hospitalization

Steroids**	NA		
Diuretics	NA		
T3 Protocol	NA		
T4 Protocol*	NA		
Insulin**	1-40 unit/hr started 300 :35hrs. before organ recovery, Insulin Lantus12 units started 148 hrs. before organ recovery for the duration of 24 hrs		
Antihypertensive	NA		
Vasodilators	NA		
DDAVP**	2 mcg BID started 136:05 hrs. before organ recovery for the duration of 4:04 hrs.		
Total parenteral nutrition			
Other	Vecuronium 10 mg, Calcium Gluconate 3 gm, KCL 20-80 mEq, MgSO4 2gm, Vasopressin 5 units, Heparin 5000 units, protonix 40mg, morphine 5mg, aspirin 81mg, ceftriaxone 1gm, acetaminophen 650mg, Zosyn 3.375 gm, vancomycin1- 1.2gm, vitamin K 10mg, magnesium 4 gm, Tobramycin 1 unit, dobutamine 2.5mcg/kg/min	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