



HPAP-156 Donor Summary

HPAP	156	UNOS	
Recovery OPO	MAOB - New England Organ Bank	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	27	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	White: Not Specified	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="97"/> Hours <input type="text" value="16"/> Mins.
ABO (Rh)	AB+ (Non A1B)	Cross Clamp Time	06/30/2023 17:16 EDT
BMI (Kg/m²)	19.306	Cold Ischemia Time*	<input type="text" value="18"/> Hours <input type="text" value="49"/> Mins.
Weight (kg)	59.3000		
Height (cm)	175.26		
Cause of Death	DKA	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> KPS-1
Mechanism of Injury	DEATH FROM NATURAL CAUSES	Organs Recovered	Heart <input checked="" 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="28"/> 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	Negative (NGTD)
Date /Time of Admission	06/26/2023 16:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Scattered patchy and confluent pulmonary opacities in right and left lower lobes. Bilateral pleural effusions and potential pneumothorax. Mild ascites and anasarca.

*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	Recent Diagnosis - DKA	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> paternal grandmothe	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Cataract surgery at 6 weeks old, returned to hospital for lose stich in his right eye age one, tonsillectomy and adenoidectomy age 4, pins in his right wrist age 17			
Comments:	Medication Hx: Aleve, Advil prn for headaches, Nicotine Patch, Allergy Med Social Hx: Beer & Spirits 1-3 drinks 1-2 times a week since age 21 Cigarettes ½ ppd x 10yrs, Marijuana weekly x 8-10 yrs; Mushrooms ingested 1-2 times only was experimental, Cocaine once experimental snorted			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	109/79	
Average Low BP During Hospitalization	87/52	Duration: 5-30 min.
Average BP in OR (mmHg)	113/75	
Average Low BP in OR (mmHg)	99/60	Duration: 10 min.
Average HR in OR (bpm)	75	
ABG-pH range	7.12-7.44	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.15 MCG/KG/MIN started 100:26 hrs. before organ recovery for the duration of 56:10 hrs.	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	0.7 MCG/KG/MIN started 110:30 hrs. before organ recovery for the duration of 30:30 hrs. Ongoing 0.25 MCG/KG/MIN started 44:16 hrs. before organ recovery.	
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)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Synephrine (phenylephrine)	-----	1.928 mg	-----
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

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	ND (blood samples not available)	ND (blood samples not available)	ND (blood samples not available)	ND (blood samples not available)
Cut-off values	ND	ND	ND	ND

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	ND (blood samples not available)	ND (blood samples not available)

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	29	Class II	DR	4	7
	B	7	44		DR51	Negative	Negative
	C	07	16		DR52	Negative	Negative
	Bw4	Positive			DR53	4*01	4*01
	Bw6	Positive			DQB1	2	7
					DQA1	02	03
					DPB1	04:01	04:01
DPA1				01	01		
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	01:01	29:02	Class II	DRB1	04:01	07:01
	B	07:02	44:03		DRB3	-----	-----
	C	07:02	16:01		DRB4	01:01	01:03
					DRB5	-----	-----
					DQB1	02:02	03:01
					DQA1	02:01	03:03
					DPB1	04:01	-----
					DPA1	01:03	-----

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Negative	✓	-
EBV IgM	Negative	✓	-
CMV IgG	Negative	✓	-
CMV IgM	Negative	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II plus O Ab	Non-Reactive	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV (HBV NAT)	Non-Reactive	✓	-
Ultrio HCV (HCV NAT)	Non-Reactive	✓	-
Ultrio HIV (HIV NAT)	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Not Detected (Negative)	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	112	155	152
Creatinine (<1.5)	2.04	2.04	0.97
Glucose (mg/dL) (60-150)	818	818	244
HbA1C%	13.4	----	-----
Total bilirubin (0-1.0)	1.3	1.3	1.1
SGOT (AST) (0-40)	19	61	51
SGPT (ALT) (5-35)	14	27	24
Alkaline phosphatase (45-110)	55	141	141
Serum Amylase (23-851)	NA	25	25
Serum Lipase (0-80)	94	94	15
WBC (THO/uL) (4.5-11.0)	25.5	25.5	11.2
Hgb (g/dL) (12-16)	16.3	16.3	10.4
Platelets (THO/uL) (150-350)	305	305	61
INR (<2.0)	NA	1	1

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th
Glucose	Positive: 3+	Negative	Negative	Positive: 3+	Negative

Medications During Hospitalization

Steroids**	Solucortef 200mg/day		
Diuretics	Lasix 3 – 10 mg		
T3 Protocol	-----		
T4 Protocol*	10 mcg/hr, T4-bolus 20 mcg		
Insulin**	7-12 unit/hr started 80:14 hrs. before organ recovery for the duration of 80:14 hrs.		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	1 mcg		
Total parenteral nutrition	-----		
Other	Arginine vasopressin, Vancomycin, Zosyn, Fluconazole, Ca, Mg, KCL, NaPhos, KCL, Mannitol, Argatroban, Rocuronium, Vecuronium	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