



HPAP-165 Donor Summary

HPAP	165	UNOS	
Recovery OPO	MAOB - New England Organ Bank	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	44	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	African American Ethnicity: Hispanic or Latino	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="112"/> Hours <input type="text" value="42"/> Mins.
ABO (Rh)	O Positive	Cross Clamp Time	10/29/2023 16:42 EDT
BMI (Kg/m²)	30.932	Cold Ischemia Time*	<input type="text" value="18"/> Hours <input type="text" value="08"/> Mins.
Weight (kg)	100.6000		
Height (cm)	180.34		
Cause of Death	ANOXIA	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	CARDIOVASCULAR	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input 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"/> 10 Minutes	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text" value="00"/> Hours <input type="text" value="01"/> Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 30 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	~ 40 minutes 10 minutes downtime prior to EMS arrival. EMS report unavailable; no estimated 30 minutes of combined CPR between EMS and ER.	Blood Culture	Preliminary Negative
Date /Time of Admission	10/25/2023 00:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Slight interval worsening of right lung opacity. Small right pleural effusion.

*Cold Ischemia time is calculated from time of cross clamp to start of enzyme perfusion for islet isolation.



HPAP-165 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2DM	diagnosed 3 years ago	Insulin 8u sq daily (sliding)	n/a
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	~ 2 years ago	Lasix 40mg q.d. , Verapamil 120mg q.d. & Carvedilol 6.25mg BID (per medical record)	UNKNOWN
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	foot surgery 2 months ago			
Comments:	Medical Hx: night sweats on occasion, DM, seizures due to diabetes 2 months ago, HTN Medication Hx: Insulin ETOH Hx: Beer 3-4 drinks a couple times a week			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	138/78	
Average Low BP During Hospitalization	87/57	Duration: 4 – 43 min.
Average BP in OR (mmHg)	90/65	
Average Low BP in OR (mmHg)	85/55	Duration: 5 minutes
Average HR in OR (bpm)	105	
ABG-pH range	6.91 - 7.43	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.05 mcg/kg/min started 84:18 before organ recovery for the duration of 43:27 hrs.	
Vasopressin	-----	Ongoing 0.03 U/min started 38:09 before organ recovery	
Neo-Syneprine	-----	0.5 mcg/kg/min started 40:51 before organ recovery for the duration of 33:14 hrs.	
Epinephrine	-----	0.05 mcg/kg/min started 89:40 before organ recovery for the duration of 05:12 hrs.	
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	5.24 U	-----
Neo-Syneprine (phenylephrine)	-----	-----	1212.03 Volume(cc)
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2
Not performed	Not performed

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	6	0	0.056	0.005
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.78	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	24	66	Class II	DR	11	13
	B	18	58		DR51	N-Negative	N-Negative
	C	06	07		DR52	3*02	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	9
			DQA1		03	05	
			DPB1		04:01	04:02	
DPA1			01	01			
Comment:							

HPAP-165 Donor Summary



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 IgM	Positive	✓	-
VMV IgG	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	Positive	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	142	152	152
Creatinine (<1.5)	1.9	6.8	6.8
Glucose (mg/dL) (60-150)	299	364	173
HbA1C%	8.7	-----	-----
Total bilirubin (0-1.0)	0.4	1.5	0.6
SGOT (AST) (0-40)	269	591	39
SGPT (ALT) (5-35)	268	445	112
Alkaline phosphatase (45-110)	79	191	167
Serum Amylase (23-851)	NA	NA	38 (10/28/23)
Serum Lipase (0-80)	95 (10/26/23)	95	8 (10/28/23)
WBC (THO/uL) (4.5-11.0)	11.7	18	13.2
Hgb (g/dL) (12-16)	11.4	11.4	9.4
Platelets (THO/uL) (150-350)	170	262	180
INR (<2.0)			

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Negative	Positive: 500 H	Negative

Medications During Hospitalization

Steroids**	Solumedrol 1000 mg		
Diuretics	Lasix 60-80 mg		
T3 Protocol	-----		
T4 Protocol*	yes		
Insulin**	3-10 U100, started 79:22hrs before organ recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine Vasopressin, Sodium Bicarbonate 100cc/hr., Dextrose 2 gm, Calcium Gluconate 1gm, Vancomycin1250 mg q 24hrs, Zosyn 3.375gm, Amiodarone150 mg, rocuronium 50 mg, Insulin 16.46 U	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