

HPAP-147 Donor Summary



HPAP	147	UNOS	
Recovery OPO	VATB - LifeNet Health	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	56 Years	DCD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Race	White: Not Specified/Unknown	DBD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	86 Hours 55 Mins.
ABO (Rh)	A1+	Cross Clamp Time	03/29/2023 10:55 EDT
BMI (Kg/m²)	39.469	Cold Ischemia Time*	25 Hours 09 Mins.
Weight (kg)	104.3000		
Height (cm)	162.56		
Cause of Death	ANOXIA	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	CARDIOVASCULAR	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 checked="" type="checkbox"/> No <input type="checkbox"/> unknown downtime	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text"/> Hours <input type="text"/> Mins. NA
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Duration: 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	unknown downtime	Blood Culture	NA
Date /Time of Admission	03/25/2023 20:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	bibasilar opacities could indicate pulmonary edema. Small left pneumothorax and a possible small left pleural effusion.

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



HPAP-147 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2DM	Diagnosed 5 months ago	Metformin 500mg	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	Yes	Unsure	Lisinopril 5mg, Norvasc 5mg	Yes
Hyperlipidemia	Yes	Unsure	Crestor 5mg	yes
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Mother, Sister, Brother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	<p>Medical Hx: born with TMJ, diagnosed about 30 years ago, night sweats Began about 2 years ago, Frequent bad headaches the past 10 years cause by jaw pain TMJ, Ketonuria, hypothyroidism, anxiety/depression. Acute encephalopathy on 3/5</p> <p>Benzo withdrawal with delirium (HCC), severe Benzo use disorder</p> <p>Medication Hx: Synthroid 175mcg daily (thyroid), aspirin 81mg daily (preventative), Venlafaxine 75mg daily (anxiety/depression), Norco 10-325 mg QID PRN (pain), vitamin B12 1000mcg daily, Vitamin D3 1000 units daily. Xanax, OTC sleeping pills and suboxon use, Hydrocodone 10-325mg.</p> <p>Social Hx: cigarette 0.5 PPD, Mild cannabis use disorder.</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	128/56	
Average Low BP During Hospitalization	90 / 50	Duration: 5 minutes
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	7.08 – 7.41	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	1 MCG/MIN started 44:55hrs. before organ recovery for the duration of 22:32hrs. and ongoing 0.5 MCG/MIN thereafter.	
Vasopressin	-----	-----	-----
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

HPAP-147 Donor Summary



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-Syneprine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

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	-0.001	-0.001
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	14.53	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	11	Class II	DR	13	13
	B	60	52		DR51	N-Negative	----
	C	10	12		DR52	52	52
	Bw4	Positive			DR53	N-Negative	-----
	Bw6	Positive			DQB1	6	6
			DQA1		01	01	
			DPB1		02:01	04:01	
DPA1			01	01			
Comment:							

HPAP-147 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 (A)	✓	-
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	NA	-	-
Ultrio HBV (HBV NAT)	Non-Reactive	✓	-
Ultrio HCV (HCV NAT)	Non-Reactive	✓	-
Ultrio HIV (HIV-1 NAT)	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



HPAP-147 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	148	145
Creatinine (<1.5)	1.37	1.37	0.8
Glucose (mg/dL) (60-150)	402	402	131
HbA1C%	6.8	-----	-----
Total bilirubin (0-1.0)	0.2	1	0.9
SGOT (AST) (0-40)	52	68	21
SGPT (ALT) (5-35)	36	40	24
Alkaline phosphatase (45-110)	147	147	113
Serum Amylase (23-851)	41	NA	NA
Serum Lipase (0-80)	8	NA	NA
WBC (THO/uL) (4.5-11.0)	21.2	27.6	24.3
Hgb (g/dL) (12-16)	11.1	11.3	8.8
Platelets (THO/uL) (150-350)	472	472	354
INR (<2.0)	1	1.5	1.2

Urinalysis

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

Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	-----
Antihypertensive	-----
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	NA
Other	----- 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