

HPAP-180 Donor Summary



HPAP	180	UNOS	
Recovery OPO	Sharing Hope Greenville, SC	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	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="180"/> Hours <input type="text" value="53"/> Mins.
ABO (Rh)	O(?)	Cross Clamp Time	8/29/24 12:13 EDT
BMI (Kg/m²)	29.4	Cold Ischemia Time*	<input type="text" value="24"/> Hours <input type="text" value="48"/> Mins.
Weight (kg)	103.9		
Height (cm)	187.96		
Cause of Death	subarachnoid hemorrhage	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
Mechanism of Injury	Blunt Injury	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"/> 15 minutes	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"/> 15 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	15 minutes	Blood Culture	Pending
Date /Time of Admission	08/21/2024 23:20 EDT	PHS High Risk	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
		Acute Lung Injury	Mild atelectasis is noted in the left lower lobe and has developed in the right midlung.

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



HPAP-180 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T1DM	past 6 years	Metformin and insulin	until last year when he stopped
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	NA	NA	NA
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Father, paternal grandfather his siblings	Diabetes <input checked="" type="checkbox"/> Father, paternal grandfather died of diabetes his siblings	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: History of HTN Social Hx: Smoking Hx: 2PPD Cigarette for the past 14 years in and out of jail for 9 years, previous motorcycle accident. Drug Hx: Meth and Cocaine From 14 years old until he was 25. IV drug use - last used 2 yrs ago. Drinking Hx: At least 6 beer drinks per day Since he was 18 years old			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	120/64 (08/24- 08/28/2024)	
Average Low BP During Hospitalization	137 / 82 (8/24- 8/25/24)	Duration: 5 M
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	7.29 - 7.51	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	500	1	500
Platelets	-----	2	519
Norepinephrine (Levophed)	-----	1-12 mcg/min started 174:47 before organ recovery for the duration of 45:58 hrs	
Vasopressin	-----	2.4 units/hr started 73:13 hrs before organ recovery for the duration of 00:12 hrs.	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine			

HPAP-180 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-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
GADA+	NA

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	734	0	0.000	-0.002
Cut-off values	> 20.0	> 5.0	> 0.010	> 0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.200	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	2	Class II	DR	3	7
	B	50	51		DR51	NA	NA
	C	NA	NA		DR52	NA	NA
	Bw4	NA			DR53	NA	NA
	Bw6	NA			DQB1	2	2
			DQA1		NA	NA	
			DPB1		NA	NA	
Comment:							

HPAP-180 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	01:01	02:01	Class II	DRB1	03:01	07:01
	B	50:01	51:01		DRB3	01:01	-----
	C	6:02	07:02		DRB4	-----	01:01
					DRB5	-----	-----
					DQB1	02:01	02:02
					DQA1	02:01	05:01
					DPB1	03:01	06:01
					DPA1	01:03	-----

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV (VCA)IgM	Negative	✓	-
CMV	Positive	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-
Anti-HTLV I/II:	Negative		



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	159	154
Creatinine (<1.5)	0.66	0.66	0.58
Glucose (mg/dL) (60-150)	440	440	183
HbA1C%	11.9	-----	11.1
Total bilirubin (0-1.0)	0.7 (8/26/24)	1.2	0.4
SGOT (AST) (0-40)	26 (8/26/24)	32	29
SGPT (ALT) (5-35)	41 (8/26/24)	41	30
Alkaline phosphatase (45-110)	59 (8/26/24)	69	62
Serum Amylase (23-851)	29 (8/26/24)	NA	NA
Serum Lipase (0-80)	18 (8/26/24)	NA	NA
WBC (THO/uL) (4.5-11.0)	19.3	19.3	10.9
Hgb (g/dL) (12-16)	15.2	15.2	10
Platelets (THO/uL) (150-350)	193	193	119
INR (<2.0)	1.1	1.3	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive (1000)	Positive (100)	Negative	NA

Medications During Hospitalization

Steroids**	-----		
Diuretics	Lasix 20-40 mg PRN started 41:44 hrs before organ recovery, Diuril 250 mg		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	1 unit/hr started 97:13 hrs before the organ recovery for the fduration of 27:00hrs.		
Antihypertensive	Labetalol 10 mg (single dose) started 102:54 hrs. before organ recovery		
Vasodilators	Hydralazine 10 mg (single dose), 5 mg q4PRN started 118:09 hrs. before organ recovery for the duration of 14:34.		
DDAVP**	1 mcg started 98:25 hrs. before organ recovery		
Total parenteral nutrition	-----		
Other	Levothyroxine 10-20 mcg/hr, sodium acetate 150 mEq, Keppra PO 750 mg, unasyn3 gm, calcium gluconate 500 mg 1 gm, ancef 2gm, Diamox, 500 mg, Zosyn4.5 gm, Linezolid 600 mg, Propofol	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