

HPAP -130 Donor Summary



HPAP	130	UNOS	
Recovery OPO	UPMC Presbyterian Pittsburgh	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	32	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="64"/> Hours <input type="text" value="38"/> Mins.
ABO (Rh)	A2B	Cross Clamp Time	08/28/2022 12:38 EDT
BMI (Kg/m²)	32.653	Cold Ischemia Time*	<input type="text"/> Hours <input type="text"/> Mins. NA (islet isolation performed at Pittsburgh)
Weight (kg)	100		
Height (cm)	175		
Cause of Death	CEREBROVASCULAR/STROKE	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
Mechanism of Injury	DEATH FROM NATURAL CAUSES	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"/> 3 minutes	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 checked="" type="checkbox"/> No <input type="checkbox"/> 3 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	NA	Blood Culture	no growth after one day
Date /Time of Admission	8/25/2022 8:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bilateral multilobar airspace opacities compatible with aspiration/pneumonia.

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



HPAP -130 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T1D	5 years	Insulin	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	perinatal Hypertension	She only had it for the 9 months that she was pregnant three times	
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Maternal side & brother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Breast reduction 2010, C- section 2011 and 2018			
Comments:	Medical Hx: Hypothyroidism, DM ~5 years, both eyes vision has been decreasing since her diabetes diagnosis after getting diagnosed with diabetes pts ankles and feet became red in appearance but blanchable with poor capillary refill Medication Hx: Daily Percocet ,Fentanyl, Adderall sporadically Social Hx: a couple of beer, or whiskey twice a year since 19			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	122/61	
Average Low BP During Hospitalization	86/46	Duration: 5 min
Average BP in OR (mmHg)	120/60	
Average Low BP in OR (mmHg)	115/55	Duration: 5 min.
Average HR in OR (bpm)	97	
ABG-pH range	7.02 – 7.42	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	1-5 PRBC and whole
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	Ongoing 0.08–1.13 MCG/KG/MI started 72:21 hrs. before organ recovery.	
Vasopressin	-----	Ongoing 2.4 UNITS/HR started 57:10 hrs. before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

HPAP -130 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (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	96	0	0.031	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	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	25	Class II	DR	17	4
	B	8	18		DR51	N-Negative	-----
	C	07	12		DR52	52	-----
	Bw4	Negative			DR53	53	-----
	Bw6	Positive			DQB1	2	8
					DQA1	03	05
					DPB1	02:01	04:01
Comment:							

HPAP -130 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	01:01	25:01	Class II	DRB1	03:01	04:01
	B	08:01	18:01		DRB3	01:01	-----
	C	07:01	12:03		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	02:01	03:02
					DQA1	03:01	05:01
					DPB1	02:01	04:01
					DPA1	01:03	-----

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV	Negative	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II (HIV Ag/Ab combo)	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	✓	-



HPAP -130 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	172	150
Creatinine (<1.5)	1	1.6	0.7
Glucose (mg/dL) (60-150)	420	420	105
HbA1C%	8	-----	-----
Total bilirubin (0-1.0)	0.6	1	1
SGOT (AST) (0-40)	19	509	295
SGPT (ALT) (5-35)	9	133	133
Alkaline phosphatase (45-110)	118	133	133
Serum Amylase (23-851)	34	34	13
Serum Lipase (0-80)	31	31	4
WBC (THO/uL) (4.5-11.0)	21.6	25.6	11.3
Hgb (g/dL) (12-16)	7.3	7.7	7.7
Platelets (THO/uL) (150-350)	875	875	145
INR (<2.0)	1.8	1.8	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive:>=1000	Positive:>=250	-----	-----

Medications During Hospitalization

Steroids**	Hydrocortison		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	Yes started 57:10 hrs. before organ recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	Yes, Arginine vasopressin		
Total parenteral nutrition	-----		
Other	Zosyn, Plasmalyte, Vancomycin, KPhos, LR	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