

HPAP -138 Donor Summary



HPAP	138	UNOS		
Recovery OPO	NCNC - HonorBridge	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	35	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	255 Hours 01 Mins.	
ABO (Rh)	A1 Positive	Cross Clamp Time	12/13/2022 16:45	
BMI (Kg/m²)	23.629	Cold Ischemia Time*	21 Hours 45 Mins.	
Weight (kg)	157.48			
Height (cm)	58.6000			
Cause of Death	CEREBROVASCULAR/STROKE	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	INTRACRAINIAL HEMORRHAGE/STROKE	Organs Recovered	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input checked="" type="checkbox"/>	Kidney <input checked="" type="checkbox"/> Pancreas <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"/> Hours <input type="text"/> Mins. NA	
CPR / Time	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Organs Discarded	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	No Downtime	Blood Culture	Positive GRAM POSITIVE COCCI IN CLUSTERS AEROBIC BOTTLE ONLY	
Date /Time of Admission	12/03/2022 01:44 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	No pneumothorax, clear Lungs	

*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	8 years	insulin	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	NO PAST SURGERIES			
Comments:	Medical Hx: Depression, Weight loss within last year, Migraines for 5 + years, Abnormal Pap smear of cervix, Seizures (HCC) 1/2010 Medication Hx: ADDERALL XR 30 mg(BID), Wellbutrin XL 150 mg, Prozac 20 mg, Micronor 0.35 mg, Social Hx: 2 Standard drinks or equivalent socially 4-6 times a year x 15 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/63	
Average Low BP During Hospitalization	112/63	Duration: 15 min.
Average BP in OR (mmHg)	115/67	
Average Low BP in OR (mmHg)	106/59	Duration: 15 min.
Average HR in OR (bpm)	115	
ABG-pH range	7.30 – 7.58	

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)	-----	40 -50 MCG/MIN started 72:59 hrs. before organ recovery for the duration of 41:48:00 hrs.	
Vasopressin		0.03 units/min. started 74:00 hrs before organ recovery for the duration of 48:32 hrs.	
Neo-Syneprine	-----	30 MCG/MIN started 0:22:00 hrs. before organ recovery for the duration of 0:22:00 hrs.	
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)	-----	-----	-----
Vasopressin	-----	180.3 units/hr for the duration of 0:22hrs.	
Neo-Syneprine (phenylephrine)	-----	30 mcg/min for the duration of 0:22hrs.	
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	18,000	-----

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	0	0	0.024	0.038
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.16	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	11	Class II	DR	4	17
	B	8	Not detected		DR51	N-Negative	N-Negative
	C	07	Not detected		DR52	52	N-Negative
	Bw4	Negative			DR53	53	N-Negative
	Bw6	Positive			DQB1	2	8
					DQA1	03	05
				DPB1	04:01	06:01	
				DPA1	01	-----	
Comment:							

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Confirmatory HLA (UPENN)*

This case was initially T2DM and upon review was classified as T1DM

Class 1	A	ND	ND	Class II	DRB1	ND	ND	
	B	ND	ND		DRB3	ND	ND	
	C	ND	ND		DRB4	ND	ND	
					DRB5	ND	ND	
					DQB1	ND	ND	
					DQA1	ND	ND	
					DPB1	ND	ND	
					DPA1	ND	ND	

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV	Positive	✓	-
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	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	154	154
Creatinine (<1.5)	0.92	0.92	0.8
Glucose (mg/dL) (60-150)	287	384	170
HbA1C%	6.4	-----	-----
Total bilirubin (0-1.0)	0.2	0.6	0.6
SGOT (AST) (0-40)	22	32	32
SGPT (ALT) (5-35)	12	31	21
Alkaline phosphatase (45-110)	82	181	137
Serum Amylase (23-851)	----	39	-----
Serum Lipase (0-80)	----	44	-----
WBC (THO/uL) (4.5-11.0)	16.2	27.3	25
Hgb (g/dL) (12-16)	13.9	13.9	8.1
Platelets (THO/uL) (150-350)	346	346	275
INR (<2.0)	1.1	1.2	1.1

Urinalysis

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

Medications During Hospitalization

Steroids**	Yes. Methylprednisone		
Diuretics	Lasix 40 mg (x6 doses) started 102:45 hrs. Before organ recovery		
T3 Protocol	-----		
T4 Protocol*	Levothyroxine 75mcg (x9 doses) started 225:45 hrs. before organ recovery		
Insulin**	12 units/hr. Started 26:27 hrs. before organ recovery for the duration of 25:27hrs (48 doses).		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine vasopressin, ceftriaxone 2gm q24, cleviprex 10-21 mg/hr, Kphos, Methyl prednisone 2000mg, amiodarone 150 mg, Vancomycin 1250mg, Ceftriaxone 2 gm, acetaminophen, tichagrelor 90mg ,KCL , Rocuronium,	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