



HPAP -140 Donor Summary

HPAP	140	UNOS	
Recovery OPO	PADV- Gift of life donor program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	29	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Caucasian	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	106 Hours 26 Mins.
ABO (Rh)	A (A1) Positive	Cross Clamp Time	01/10/2023 20:04 EST
BMI (Kg/m²)	31.71	Cold Ischemia Time*	15 Hours 37 Mins.
Weight (kg)	94.6		
Height (cm)	172.72		
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Storage/Viaspan/SPS-1
Mechanism of Injury	Drug Intoxication	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" 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"/> Unknown	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 15 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 25 Min. CPR/ACLS w epi x4 and narcan x2, V-fib with defib x1 and additional Epi x1 to ROSC, ETI in field	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	Blood Culture	No Growth, day 5
Date /Time of Admission	01/06/2023 09:38 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Left mid to lower lung zone and right midlung zone opacities representing aspiration pneumonia, No sizable pleural effusion or pneumothorax.

*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	-----	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Mother, paternal grandfather, grandmother	Diabetes <input checked="" type="checkbox"/> paternal grandmother and grandfather	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None Listed			
Comments:	Medical Hx: asthma, used inhalers PRN since childhood, allergy to Bactrim Beaten by dug June 2022 no treatment received Medication Hx: albuterol inhaler since Childhood Social Hx: Polysubstance abuse, Snorted opiates, oxycodone for 10 Years, Adderall used for 4 years stopped 1 year ago Smoking: smoked cigarettes ½- 1 PPD for the last 10 -13 years .Alcohol: beer 1-3 drinks 3 times a week for 5 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	119/77	
Average Low BP During Hospitalization	99/69	Duration: 60 Min.
Average BP in OR (mmHg)	100/80	
Average Low BP in OR (mmHg)	70/40	Duration: 5 Min.
Average HR in OR (bpm)	80	
ABG-pH range	6.76 – 7.43	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	20 mcg/min started 103:54 hrs. before organ recovery 6-10 mcg/min started 30:04 hrs. before organ recovery for the duration of 10:27 hrs.	
Vasopressin	-----	0.04 units/min started 102:59 hrs. before organ recovery 2.4 - 0.6 units/hr. started 30:04 hrs. before organ recovery for the duration of 14:56 hrs. and ongoing.	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	6 mg/min (x6 doses) started 105:42 hrs. before organ recovery for the duration of 1:21	
Phenylephrine	-----	25-50 mcg/min started 20:56 hrs. before organ recovery for the duration of 4:57hrs and ongoing.	
Dopamine	-----	-----	-----

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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	25 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
ND (due to equipment failure at the OPO	ND (due to equipment failure at the OPO)

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	0.002	-0.002
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	10.4	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	2	Class II	DR	1	11
	B	39	44		DR51	N-Negative	N-Negative
	C	05	12		DR52	52	N-Negative
	Bw4	positive			DR53	N-Negative	N-Negative
	Bw6	positive			DQB1	7	5
					DQA1	01	05
				DPB1	04:02	04:02	
				DPA1	01	01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	02:01	-----	Class II	DRB1	01:01	11:01
	B	39:01	44:02		DRB3	02:02	-----
	C	05:01	12:03		DRB4	-----	-----
					DRB5	-----	-----
					DQB1	03:01	05:01
					DQA1	01:01	05:05
					DPB1	04:02	-----
					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	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

	05/09/2022	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	140	153	153
Creatinine (<1.5)	0.9	1.4	1.8	0.81
Glucose (mg/dL) (60-150)	97	439	439	179
HbA1C%	4.7	5	-----	-----
Total bilirubin (0-1.0)	0.3	0.1	0.9	0.7
SGOT (AST) (0-40)	13	123	345	26
SGPT (ALT) (5-35)	24	119	329	131
Alkaline phosphatase (45-110)	71	53	70	63
Serum Amylase (23-851)	NA	NA	27	25
Serum Lipase (0-80)	NA	NA	31	26
WBC (THO/uL) (4.5-11.0)	NA	12.4	32.2	9.7
Hgb (g/dL) (12-16)	NA	13	15.4	9.8
Platelets (THO/uL) (150-350)	NA	191	191	74
INR (<2.0)	NA	1.11	1.69	1.2

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Negative	Negative	ND

Medications During Hospitalization

Steroids**	Solumedrol 1g q6		
Diuretics	Mannitol 50 gm, Lasix 100 gms		
T3 Protocol	-----		
T4 Protocol*	40 mcg/hr.		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine vasopressin, Sodium Bicarbonate 125 ml/hr. and 50 mEq, Potassium Chloride 10mEq, Magnesium Sulfate 2 gm, Zosyn 4.5 gm	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