

HPAP-110 Donor Summary



HPAP	110	UNOS	
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	31	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 checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	196 Hours 59 Mins.
ABO (Rh)	B Positive	Cross Clamp Time	12/10/21 21:29 EST
BMI (Kg/m²)	36.29	Cold Ischemia Time*	13 Hours 19 Mins.
Weight (kg)	102		
Height (cm)	167.64		
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/BelzerCold
Mechanism of Injury	Drug Intoxication	Organs Recovered	Heart <input checked="" 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"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 31 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Time not documented	Organs Discarded	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	Not Documented	Blood Culture	NA
Date /Time of Admission	12/02/21 16:30 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bilateral plural effusion, worsening right. Mild pulmonary edema . Scattered subsegmental atelectasis in the left lung.

*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	None	----	----	----
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	----	----	----	----
Hyperlipidemia	----	----	----	----
Autoimmune disease	----	----	----	----
Family History	CAD <input checked="" type="checkbox"/> maternal grandmother paternal grandfather	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Wisdom teeth extraction in 2010			
Comments:	<p>Pt had COVID antibodies checked in both June and August. Antibodies indicated that he had Covid in the past or was exposed to Covid. The pt. never tested positive for Covid and never had Covid symptoms.</p> <p>Social Hx: 2-3 beers once a month for 15 years</p> <p>Smoking and drug Hx: Smoked cigarettes 1 PPD for 15 years, oral benzodiazepines for unknown duration, Opiate orally for 10 years and smoked cannabis for 15 years.</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	123/74	
Average Low BP During Hospitalization	101/61	Duration: 5-60 min
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	7.28 – 7.53	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	Continuous IV 0.05 mcg/kg/min started 64:06 hrs before organ recovery	
Vasopressin	----	0.04 units/min during Cardiac Cath	
Neo-Syneprine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	0.5 mcg/kg/min during Cardiac Cath	
Dopamine	----	----	----



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	1 unit/hr	-----
Neo-Syneprine (phenylephrine)	-----	51 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
NA	NA

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	-0.002
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	7.75	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	25	68	Class II	DR	11	15
	B	18	51		DR51	51	N-Negative
	C	05	15		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	6
			DQA1		01	05	
			DPB1		04:01	04:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	25:01	68:01	Class II	DRB1	11:04	15:01
	B	18:01	51:01		DRB3	02:02	-----
	C	05:01	15:02		DRB4	-----	-----
					DRB5	-----	01:01
					DQB1	03:01	06:02
					DQA1	01:02	05:05
					DPB1	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	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)	138	179	148
Creatinine (<1.5)	1.2	1.2	0.76
Glucose (mg/dL) (60-150)	229	239	239
HbA1C%	5.4		
Total bilirubin (0-1.0)	0.4	0.5	0.2
SGOT (AST) (0-40)	61	67	24
SGPT (ALT) (5-35)	46	46	24
Alkaline phosphatase (45-110)	94	94	86
Serum Amylase (23-851)	23	ND	ND
Serum Lipase (0-80)	12	ND	ND
WBC (THO/uL) (4.5-11.0)	11.7	20.4	20.4
Hgb (g/dL) (12-16)	14.7	14.7	10.2
Platelets (THO/uL) (150-350)	233	233	118
INR (<2.0)	1.1	1.32	1.32

Urinalysis

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

Medications During Hospitalization

Steroids**			
Diuretics	Lasix 100 mg, Mannitol 50 gms, Mannitol 25% 101 gms		
T3 Protocol	----		
T4 Protocol*	40 mcg/hr		
Insulin**	----		
Antihypertensive	----		
Vasodilators	----		
DDAVP**	----		
Total parenteral nutrition	----		
Other	Propofol 50 mcg/kg/min, protonix 40mg, Keppra 500 mg, Ativan 2 mg, Cefazolin 2gm, Zosyn 3.375 gm, Depakane 250mg, Potassium Chloride 20 mEq, Magnesium Sulfate 2gm, Vancomycin 1.5gm	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