

HPAP -176- Donor Summary



HPAP	176	UNOS	
Recovery OPO	LifeLink of Florida	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	24	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Black or African-American	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="134"/> Hours <input type="text" value="59"/> Mins.
ABO (Rh)	B Positive	Cross Clamp Time	05/21/2024 22:08 EDT
BMI (Kg/m²)	22.7	Cold Ischemia Time*	<input type="text" value="17"/> Hours <input type="text" value="31"/> Mins.
Weight (kg)	68.0		
Height (cm)	172.72		
Cause of Death	Anoxia	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/>
Mechanism of Injury	Drug Intoxication	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"/> unknown downtime suspected to be DKA	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"/>	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 downtime	Blood Culture	Staphylococcus aureus (Gram-positive cocci in clusters) found in aerobic and anaerobic cultures from CVL site.
Date /Time of Admission	05/16/2024 07:09 ET	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Mild to moderate multifocal asymmetric airspace disease, likely from pneumonia, atelectasis, or pulmonary edema. Small right pleural effusion unchanged

*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	9 Years	Lantus/ reg (short acting) insulin	No
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	yes	NA	NA	NA
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	R hand broken (casted),			
Comments:	<p>Medical Hx: hospitalized in 2023 for DKA recently exhibited or experienced Nausea, vomiting, or persistent diarrhea Impactions/constipation, arthritis Medication Hx: multi vitamins, Miralax Social Hx: 2-3 drinks Socially for the last 3 years Drud Hx: Cocaine use of unknown duration and dosage.</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	120/72	
Average Low BP During Hospitalization	80 / 48	Duration: 3 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	6.6 – 7.55	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	447	1	447
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	mcg/kg/min	-----
Vasopressin	-----	units/min	0.03 during Echocardiogram
Neo-Syneprine	-----	-----	0.8 mcg/kg/min started 52:49 hrs. before organ recovery
Epinephrine	-----	mcg/kg/min	0.1 during Echocardiogram
Phenylephrine	-----	51.4 ml, infusion started 50.08 hrs before organ recovery	
Dopamine	-----	-----	-----

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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-Syneprine (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
Screening not performed	Screening not performed

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	31	0.005	-0.001
Cut-off values	20	5	0.01	0.02

*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	3	3	Class II	DR	4	9
	B	7	62		DR51	-----	-----
	C	CW9	CW7		DR52	-----	-----
	Bw4	Negative			DR53	53	-----
	Bw6	Positive			DQB1	DQB1*03:02	DQB1*02:01
					DQA1	03	03
					DPB1	01:01	06:01
			DPA1	01	02		
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	03:01	-----	Class II	DRB1	04:04	09:01
	B	07:02	15:01		DRB3	-----	-----
	C	03:03	07:02		DRB4	01:01	01:03
					DRB5	-----	-----
					DQB1	02:02	03:02
					DQA1	03:01	03:03
					DPB1	01:01	06:01
					DPA1	01:03	02:01

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Not Done	✓	-
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	✓	-
Strongyloides	Negative	✓	-
SARS-CoV-2	Not Detected	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	154	153
Creatinine (<1.5)	4.7	4.7	1
Glucose (mg/dL) (60-150)	1042	1042	149
HbA1C%	10.8	-----	-----
Total bilirubin (0-1.0)	0.3	2.3	1.9
SGOT (AST) (0-40)	443	467	73
SGPT (ALT) (5-35)	217	231	83
Alkaline phosphatase (45-110)	231	231	152
Serum Amylase (23-851)	532 (5/19/24)	NA	NA
Serum Lipase (0-80)	38	NA	NA
WBC (THO/uL) (4.5-11.0)	28.5	28.5	9.73
Hgb (g/dL) (12-16)	11.3	11.3	8.7
Platelets (THO/uL) (150-350)	382	656	109
INR (<2.0)	1.1 (5.18.24)	1.1	1

Urinalysis

	1 st	2 nd	3 rd & 4 th	5 th & 6 th
Glucose	Positive (>999)	Positive (>999)	Positive (250)	Negative

Medications During Hospitalization

Steroids**	Solumedrol 50mg/hr , 250 mg started		
Diuretics	Lasix 10-20 mg started 30:53 hrs. before organ recovery		
T3 Protocol			
T4 Protocol*			
Insulin**	5.5 mg/hr. started 52:49 hrs. before organ recovery		
Antihypertensive			
Vasodilators			
DDAVP**			
Total parenteral nutrition			
Other	calcium choride 1 gm, Albuterol 2.5 mg, Cefepime 2gm, Flagyl 500mg, Lovenox 40mg, Vancomycin 1gm	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