

HPAP-163 Donor Summary



HPAP	163	UNOS	
Recovery OPO	GALL-LifeLink of Georgia	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	59	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="109"/> Hours <input type="text" value="08"/> Mins.
ABO (Rh)	B /(Rh:NA)	Cross Clamp Time	10/12/2023 20:16
BMI (Kg/m²)	27.100	Cold Ischemia Time*	<input type="text" value="15"/> Hours <input type="text" value="41"/> Mins.
Weight (kg)	66.8000		
Height (cm)	157.00		
Cause of Death	ANOXIA	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Flush solution: SPS-1 Storage solution: KPS
Mechanism of Injury	CARDIOVASCULAR	Organs Recovered <small>Lungs procured for internal anatomy lab</small>	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"/> 8 minutes 2 rounds of CPR given, 2 amps Epi and 1 Bicarb with Rosc, witnessed in ICU	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"/> 8 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	8 minutes	Blood Culture	No growth at 24 hours Streptococcus pneumoniae Abnormal Gram positive cocci in chains on 10/08/23
Date /Time of Admission	10/08/2023 07:08 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	The lungs are expanded and clear Pleura: No pleural effusion.

*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	T2DM	~ 2 years	UNKNOWN or No medications taken	UNKNOWN
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	3 years	UNKNOWN or No medications taken	UNKNOWN
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Unknown			
Comments:	<p>Medical Hx: COPD, HTN, Asthma, DM.</p> <p>Hospitalized on Oct 5 2023 Fell of the golf cart July 2023 COPD. Broken tailbone</p> <p>Social Hx: smoked 1ppd cigarettes for 45 years, Meth (inhaled) since 2018.</p> <p>Lived in Mexico from 2007-2012. Locked up in city jail in 2021 for 1 week and 2023 for 2 days.</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	112/64	
Average Low BP During Hospitalization	NA	Duration: NA
Average BP in OR (mmHg)	127/68	
Average Low BP in OR (mmHg)	89/65	Duration: NA
Average HR in OR (bpm)	90	
ABG-pH range	7.13 – 7.47	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.05 – 5.5 mcg/kg/min started 104.37 hrs. before organ recovery for the duration of 64.46 hrs.	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	0.5 mcg/kg/min started 41:18 hrs. before organ recovery for the duration of 17.59 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	-----	0.16 mcg/kg/min for the duration of 2:29 hrs.	
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

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	0.001	0.000
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.26	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	68	Class II	DR	7	13
	B	44	44		DR51	Negative	Negative
	C	07	16		DR52	3*03	Negative
	Bw4	positive			DR53	4*01	Negative
	Bw6	Negative			DQB1	2	6
			DQA1		01	02	
			DPB1		04:02	16:01	
			DPA1		01	No second antigen detected	
Comment:							

HPAP-163 Donor Summary



Confirmatory HLA (UPENN)*

Not performed for HPAP-T2D program

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

*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	NA	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Positive	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	135	157	149
Creatinine (<1.5)	0.6	0.97	0.73
Glucose (mg/dL) (60-150)	398	595	106
HbA1C%	7.7	-----	-----
Total bilirubin (0-1.0)	1.7	1.7	0.4
SGOT (AST) (0-40)	15	19	15
SGPT (ALT) (5-35)	13	14	13
Alkaline phosphatase (45-110)	93	116	113
Serum Amylase (23-851)	10	NA	NA
Serum Lipase (0-80)	7 (3/ UL 82)	7	NA
WBC (THO/uL) (4.5-11.0)	15.6	22	22
Hgb (g/dL) (12-16)	11.6	11.6	11.2
Platelets (THO/uL) (150-350)	107	114	114
INR (<2.0)	1.06	1.23	1.15

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th
Glucose	Positive (4+)	Positive (2+)	Negative	Negative	Negative

Medications During Hospitalization

Steroids**	250 mg Solumedrol (single dose)		
Diuretics	No (Intraoperative Management: Mannitol 70 gms, Lasix 80 mg)		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	2-25 units/hr. started 33:20hrs. before organ recovery for the duration of 29:38 hrs. HumaLOG 7 units 5x daily started 52:34 hrs before recovery for the duration of 8:09 hrs Lantus 20 units/min BID started 79:34hrs before recovery for the duration of 35:09 hrs.		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Vancomycin 1 – 1.5 gm, Flagyl 500 g, Diflucan 400mg, KCl 10-30 mEq, Potassium Bicarb- Citric Acid 40 mEq, Rocephin 2 gm, Protonix 40 mg, Heparin 5000, Levaquin 750 mg, Sodium Bicarb 50- 150 mEq, Mag Sulfate 2 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