

HPAP-124 Donor Summary



HPAP	124	UNOS	
Recovery OPO	NCCM - LifeShare Carolinas	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	47	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 checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	121 Hours 37 Mins.
ABO (Rh)	A(A1) Negative	Cross Clamp Time	05/29/2022 09:37 EDT
BMI (Kg/m²)	30.962	Cold Ischemia Time*	11 Hours 15 Mins.
Weight (kg)	98.1000		
Height (cm)	30.962		
Cause of Death	HEAD TRAUMA	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/> Flushing: Servator-B
Mechanism of Injury	BLUNT INJURY	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 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"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime		Blood Culture	No Growth after 2 Days
Date /Time of Admission	05/24/2022 08:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Reduced lung volumes with crowding of bronchovascular markings in the perihilar and lower lobe regions.

*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	T2D	10 years	Metformin	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	yes	5 years	Crestor	yes
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> father	Diabetes <input checked="" type="checkbox"/> mother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	<p>Medical Hx: Asthmatic reaction when around cats-had inhaler if needed Kidney stone 10 years ago. Medication Hx: Zoloft for depression (2 years), celebrex for thumb pain (1 month), Social Hx: drinking 1-2 glasses of wine/beer monthly for 20 years Smoked cigarettes 1 pack or less a day for 30 years quit from 2007-2012</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	146/85	
Average Low BP During Hospitalization	109/71	Duration: 5 Min.
Average BP in OR (mmHg)	122/68	
Average Low BP in OR (mmHg)	103/51	Duration: 2 Min.
Average HR in OR (bpm)	90	
ABG-pH range	7.21 - 7.49	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)		10 MCG/MIN started 77:29 hrs. before organ recovery for the duration of 18:49hrs.	
Vasopressin	-----	-----	-----
Neo-Synephrine		40 MCG/MIN started 58:49 hrs. before organ recovery for the duration of 10:56hrs.	
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	-----	-----	-----
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	-0.004	0.008
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	7.2	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	3	32	Class II	DR	4	7
	B	18	35		DR51	N-Negative	----
	C	04	07		DR52	N-Negative	----
	Bw4	Negative			DR53	53	----
	Bw6	Positive			DQB1	8	9
			DQA1		02	03	
			DPB1		02:01	16:01	
Comment:							

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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 (IgG, IgM)	Negative	✓	-
HBcAb	None-Reactive	✓	-
HBsAg	None-Reactive	✓	-
HCV Ab	None-Reactive	✓	-
HIV I/II	None-Reactive	✓	-
Syphilis	None-Reactive	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV	None-Reactive	✓	-
Ultrio HCV	None-Reactive	✓	-
Ultrio HIV	None-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	156	160	142
Creatinine (<1.5)	1	1.28	0.77
Glucose (mg/dL) (60-150)	128	266	234
HbA1C%	5.4	-----	-----
Total bilirubin (0-1.0)	0.4	0.5	0.5
SGOT (AST) (0-40)	20	20	18
SGPT (ALT) (5-35)	21	26	26
Alkaline phosphatase (45-110)	43	55	55
Serum Amylase (23-851)	45	-----	-----
Serum Lipase (0-80)	5	-----	-----
WBC (THO/uL) (4.5-11.0)	17.1	17.6	17.6
Hgb (g/dL) (12-16)	15.9	16.7	13.1
Platelets (THO/uL) (150-350)	239	239	169
INR (<2.0)	1.1	1.3	1.1

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th
Glucose	Positive: 50	Negative	Positive: 50	Positive: >500	Positive: >500

Medications During Hospitalization

Steroids**	Solumedrol
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	Yes
Insulin**	-----
Antihypertensive	yes
Vasodilators	-----
DDAVP**	yes
Total parenteral nutrition	-----
Other	Albuterol; Atrovent; Zosyn, Cardene Potassium Chloride
	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