

HPAP-088 Donor Summary



HPAP	088	UNOS	
Recovery OPO	FLFH - OurLegacy	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	37	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	102 Hours 25 Mins.
ABO (Rh)	A1	Cross Clamp Time	03/18/2021 13:35 EST
BMI (Kg/m ²)	32.817	Cold Ischemia Time*	20 Hours 19 Mins.
Weight (kg)	109.900		
Height (cm)	183.00		
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	NONE OF THE ABOVE	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input 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:	<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	5 minutes	Blood Culture	No Growth
Date /Time of Admission	03/14/2021 07:10 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Patchy atelectasis in right lower lobe

*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	Diagnosed March 5, 2021	Unknown pills	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	<p>Medical Hx: back herniated disc and nerve damage, Pt was getting several tooth abscesses which he would drain himself full body seizure 2 days before hospitalization, Pt had one bad leg due to nerve damage. Over the last two weeks he developed foot drop on his good leg and was using a walker. changed diet and lost 20-30 LB over the last year, pt's BP was always high at the doctor, but never officially diagnosed.</p> <p>Social Hx: Smoking Hx: Cigarettes 1 pack and a half per day for 20 years,urine tox screen (+) for THC</p> <p>Family Hx: Mother has diabetes</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	121/82	
Average Low BP During Hospitalization	112/72	Duration: NA
Average BP in OR (mmHg)	120/80	
Average Low BP in OR (mmHg)	108/66	Duration:
Average HR in OR (bpm)	90	
ABG-pH range	7.2 – 7.51	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	3 - 8 MCG/MIN started 3 days before organ recovery for the duration of 74:10:00 hrs.	
Vasopressin	-----	0.03 Arginine vasopressin unit/min started 3 days before organ recovery for the duration of 66:50 hrs.	
Neo-Syneprine	-----	-----	-----
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-Synephrine (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	0.002	-0.003
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.13	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	32	Class II	DR	4	11
	B	35	44		DR51	N-Negative	N-Negative
	C	04	07		DR52	52	N-Negative
	Bw4	Positive			DR53	53	N-Negative
	Bw6	Positive			DQB1	7	8
					DQA1	03	05
					DPB1	02:01	04:01



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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	✓	-
EBNA	Positive	✓	-
CMV	Positive	✓	-
HBcAb	Non -Reactive	✓	-
HBsAg	Negative	✓	-
HBsAb	Positive	✓	-
HCV Ab	Non -Reactive	✓	-
HIV I/II	Not Done	---	---
HIV Ag/Ab Combo:	Negative	✓	-
Syphilis	Non -Reactive	✓	-
Procleix Ultrio	Not Done	---	---
Ultrio HBV (HBV NAT)	Not Done	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	131	156	155
Creatinine (<1.5)	1.25	1.25	0.6
Glucose (mg/dL) (60-150)	422	422	106
HbA1C%	10.3	----	----
Total bilirubin (0-1.0)	0.3	0.7	0.6
SGOT (AST) (0-40)	127	153	17
SGPT (ALT) (5-35)	158	198	42
Alkaline phosphatase (45-110)	86	93	82
Serum Amylase (23-851)	5	----	----
Serum Lipase (0-80)	22	22	7
WBC (THO/uL) (4.5-11.0)	19.2	21.1	19.6
Hgb (g/dL) (12-16)	13.3	13.3	12.5
Platelets (THO/uL) (150-350)	331	331	225
INR (<2.0)	1.1	1.3	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th
Glucose	Positive: 3+	Negative	Negative	Positive: Trace	Negative

Medications During Hospitalization

Steroids**	Solumedrol 1gm q24hr		
Diuretics	Lasix prn		
T3 Protocol	----		
T4 Protocol*	Yes		
Insulin**	----		
Antihypertensive	----		
Vasodilators	----		
DDAVP**	----		
Total parenteral nutrition	----		
Other	Vanco 1gm q12hrs, Vec , Zosyn3.375gm q8hrs, Kcl, Mag sulfate, Ca gluconate ,	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