



HPAP -108 Donor Summary

HPAP	108	UNOS	
Recovery OPO	TXGC – Life Gift Organ Donation Ctr	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	42	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	172 Hours 12 Mins.
ABO (Rh)	A positive (A1)	Cross Clamp Time	10/19/21 13:39 CST
BMI (Kg/m²)	33.008	Cold Ischemia Time*	19 Hours 50 Mins.
Weight (kg)	84.50		
Height (cm)	160		
Cause of Death	CEREBROVASCULAR/STROKE	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
Mechanism of Injury	INTRACRANIAL HEMORRHAGE /STROKE	Organs Recovered	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/> NA
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="checkbox"/> Hours <input type="checkbox"/> 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	No Downtime	Blood Culture	No Growth
Date /Time of Admission	10/12/2021 09:27 CST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	bibasilar atelectasis/ infiltrate

*Cold Ischemia time is calculated from time of cross clamp to start of enzyme perfusion for islet isolation.



HPAP -108 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2DM	Unknown	unknown	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	Yes	8 YEARS	lisinopril/hydrochlorothiazide	No
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> paternal great grandmother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medication Hx: Lisinopril/hydrochlorothiazide 20/12.6 Social Hx: smoked Marijuana daily and 3 cigarette per day for at least 10 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	124/72	
Average Low BP During Hospitalization	97/60	Duration: 15-60 min.
Average BP in OR (mmHg)	100's/50's	
Average Low BP in OR (mmHg)	30's/20's	Duration: 2 min.
Average HR in OR (bpm)	90's	
ABG-pH range	7.2 – 7.49	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.01 MCG/KG/MIN started 102:54 hrs. before organ recovery for the duration of 76:15hrs.	
Vasopressin	-----	0.06 Units/HR started 73:31 hrs. before organ recovery for the duration of 37.74 hrs.	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	1 mcg/kg/min for the duration of 4:39 Hrs. before organ recovery	

HPAP -108 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	2 mg/kg/min	-----
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	33	0	0.001	-0.001
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	2.24	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	29	Class II	DR	8	13
	B	57	78		DR51	N-Negative	N-Negative
	C	16	18		DR52	52	----
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	6	7
					DQA1	01	04
					DPB1	01:01	02:01
Comment:							

HPAP -108 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	ND	–	–
Ultrio HBV	Non-Reactive	✓	–
Ultrio HCV	Non-Reactive	✓	–
Ultrio HIV	Non-Reactive	✓	–
Toxoplasma Ab	Negative	✓	–
WNV	Non-Reactive	✓	–
SARS-CoV-2	Negative	✓	–



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	139	159	158
Creatinine (<1.5)	1	3.1	2.8
Glucose (mg/dL) (60-150)	248	361	183
HbA1C%	10.8	----	-----
Total bilirubin (0-1.0)	0.5	0.9	0.5
SGOT (AST) (0-40)	17	21	21
SGPT (ALT) (5-35)	27	30	25
Alkaline phosphatase (45-110)	75	108	108
Serum Amylase (23-851)	31	NA	NA
Serum Lipase (0-80)	6	NA	NA
WBC (THO/uL) (4.5-11.0)	10.4	15.1	12.4
Hgb (g/dL) (12-16)	15.1	15.1	9.2
Platelets (THO/uL) (150-350)	335	361	167
INR (<2.0)	0.97	1.41	1.28

Urinalysis

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

Medications During Hospitalization

Steroids**	Solucortef 50 mg Q4h		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	40 mcg/hr.		
Insulin**	4 unit/hr started 67:09 hrs. before organ recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Albuterol Q4h, Heparin 5000U Q12h, Zosyn 3.375 Q8h	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