

HPAP-160 Donor Summary



HPAP	160	UNOS	
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	58	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	African American	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="54"/> Hours <input type="text" value="37"/> Mins.
ABO (Rh)	A (A1) Positive	Cross Clamp Time	08/17/2023 16:37 EST
BMI (Kg/m²)	33.98	Cold Ischemia Time*	<input type="text" value="17"/> Hours <input type="text" value="28"/> Mins.
Weight (kg)	87		
Height (cm)	160.02		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Belzer Cold Storage/Viaspan/SPS1
Mechanism of Injury	Intracranial Hemorrhage/Stroke	Organs Recovered	Heart <input checked="" 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"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text" value="00"/> Hours <input type="text" value="20"/> Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 30 Min.	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	30 Min.	Blood Culture	No growth for the first 24 hrs. results.
Date /Time of Admission	08/15/2023 10:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Low lung volumes, but otherwise normal.

*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	-----	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	5+ years	Unknown 5+ years	yes
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Hysterectomy 23 years ago , c-section x3 25+ years			
Comments:	<p>Medical Hs: Essential HTN (old record shows ER visit with Bp >200 in 2017) Depression , Diverticulitis, Migraines (Sever headaches once a week for all 2023), small rashes on neck and back in 2023 treated with Rx cream. Scars from c section in lower abd and left shoulder from stabbing Social Hx: 1ppd cigarettes for 35 years, Tox+ Cannabinoid Alcohol Hx: 1 glass wine, twice per year for 30 years</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	125/64	
Average Low BP During Hospitalization	83/52	Duration: 10 min.
Average BP in OR (mmHg)	100/50	
Average Low BP in OR (mmHg)	70/40	Duration: 5 min.
Average HR in OR (bpm)	85	
ABG-pH range	7.01 – 7.51	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	5 mcg/min started 56:40 hrs before organ recovery	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	50 mcg during Echocardiogram	
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)	-----	50 mcg	-----
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	0.000
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	12.27	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	03	30	Class II	DR	01	13
	B	07	42		DR51	N-Negative	N-Negative
	C	07	17		DR52	52	N-Negative
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	05	06
			DQA1		01	01	
			DPB1		18:01	85:01	
DPA1			01	02			
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	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	Negative	✓	-
SARS-CoV-2	Negative	—	-



HPAP-160 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	160	160
Creatinine (<1.5)	1.4	1.5	1.5
Glucose (mg/dL) (60-150)	302	488	170
HbA1C%	5.6	-----	-----
Total bilirubin (0-1.0)	0.4	1.1	0.6
SGOT (AST) (0-40)	106	105	115
SGPT (ALT) (5-35)	115	115	58
Alkaline phosphatase (45-110)	54	54	39
Serum Amylase (23-851)	NA	NA	NA
Serum Lipase (0-80)	NA	NA	NA
WBC (THO/uL) (4.5-11.0)	13.8	22.7	22.7
Hgb (g/dL) (12-16)	14.9	14.9	12.4
Platelets (THO/uL) (150-350)	202	202	113
INR (<2.0)	1.2	1.4	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive	Negative	NA	NA

Medications During Hospitalization

Steroids**	-----
Diuretics	50 gm
T3 Protocol	NA
T4 Protocol*	40 mcg/hr
Insulin**	NA
Antihypertensive	NA
Vasodilators	NA
DDAVP**	NA
Total parenteral nutrition	NA
Other	Sodium Bicarbonate 50 mEq, Zosyn 3.375 gm, protonix 40 mg
	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