



HPAP-157 Donor Summary

HPAP	HPAP-157	UNOS	
Recovery OPO	GLDP- Gift of Life Donor Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	62	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Asian (South Korea)	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	96 Hours 29 Mins.
ABO (Rh)	O positive	Cross Clamp Time	07/19/2023 12:24 EDT
BMI (Kg/m ²)	31.69	Cold Ischemia Time*	02 Hours 20 Mins.
Weight (kg)	73.6		
Height (cm)	152.4		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/Belzer Cold/ Storage/Viaspan/SPS-1
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 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:	00 Hours 19 Mins.
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	No Downtime	Blood Culture	NA
Date /Time of Admission	07/15/2023 11:55 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bibasilar opacities mostly on the right may indicate atelectasis/ pneumonia with small right pleural effusion.

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



HPAP-157 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	No known history of Diabetes	Unknown (A1c: 8.2%)	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Social Hx: Smoked 1-2 packs of cigarettes a day for 30 years and quit smoking in 2020. Drank 2-3 beers, three or four times per week for 30 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	132/79	
Average Low BP During Hospitalization	78/53	Duration: 5-60 min.
Average BP in OR (mmHg)	119/63	
Average Low BP in OR (mmHg)	84/53	Duration: 1 min.
Average HR in OR (bpm)	86	
ABG-pH range	7.24 – 7.47	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	5 mcg started 96:04 hrs. before organ recovery for the duration of 1:40hrs.	
Vasopressin	-----	1 unit	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



HPAP-157 Donor Summary

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	1 unit	-----
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	-0.003	0.001
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.69	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	11	33	Class II	DR	07	09
	B	15(75)	44		DR51	N-Negative	N-Negative
	C	03(9)	07		DR52	N-Negative	N-Negative
	Bw4	Positive			DR53	53	N-Negative
	Bw6	Positive			DQB1	02	03(9)
					DQA1	02	03
					DPB1	02:01	13:01
					DPA1	01	02
Comment:							

HPAP-157 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	Indeterminate	✓	-
SARS-CoV-2	Negative	✓	-



HPAP-157 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	142	165	146
Creatinine (<1.5)	0.54	1.39	1.17
Glucose (mg/dL) (60-150)	278	604	239
HbA1C%	-----	8.2	-----
Total bilirubin (0-1.0)	0.8	1.5	1.3
SGOT (AST) (0-40)	55	55	24
SGPT (ALT) (5-35)	107	107	38
Alkaline phosphatase (45-110)	102	154	147
Serum Amylase (23-851)	----	95	39
Serum Lipase (0-80)	-----	26	3
WBC (THO/uL) (4.5-11.0)	10.1	13.7	13.5
Hgb (g/dL) (12-16)	12.8	13.2	11.4
Platelets (THO/uL) (150-350)	193	204	122
INR (<2.0)	1.1	2(12?)	12?

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive: >500	positive: 50	Positive: 150	Positive: 500

Medications During Hospitalization

Steroids**	-----
Diuretics	Manitol 50 gms
T3 Protocol	-----
T4 Protocol*	40 mcg/hr
Insulin**	Insulin Regular 10 units, Humalog 2units(x3) , 4 units(x1)
Antihypertensive	-----
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	-----
Other	Ancef 1gm, Potassium Chloride 40 mEq, Sodium Bicarbonate 1 amp, Methylprednisolone 2 gm, Levothyroxine 20mcg, Vasopressin 1 unit
	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