



## HPAP-159 Donor Summary

<b>HPAP</b>	<b>159</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	GLDP	<b>Allocation Via</b>	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
<b>Age (years)</b>	15	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	Caucasian	<b>DBD</b>	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b>Sex</b>	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	<b>Admission to Cross Clamp</b>	<input type="text" value="204"/> Hours <input type="text" value="25"/> Mins.
<b>ABO (Rh)</b>	O Negative	<b>Cross Clamp Time</b>	08/02/2023 17:47 EDT
<b>BMI (Kg/m<sup>2</sup>)</b>	39.57	<b>Cold Ischemia Time*</b>	<input type="text" value="17"/> Hours <input type="text" value="21"/> Mins.
<b>Weight (kg)</b>	95		
<b>Height (cm)</b>	154.94		
<b>Cause of Death</b>	Anoxia	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/Belzer Cold Storage/Viaspan/SPS-1
<b>Mechanism of Injury</b>	Drug Intoxication	<b>Organs Recovered</b>	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"/>
<b>Cardiac Arrest/Downtime</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	<input type="text" value="00"/> Hours <input type="text" value="26"/> Mins.
<b>CPR / Time</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 10 Min	<b>Organs Discarded</b>	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
<b>Total Est. Downtime</b>	10 Minutes	<b>Blood Culture</b>	No Growth
<b>Date /Time of Admission</b>	07/25/2023 05:22 EDT	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input type="checkbox"/>
		<b>Acute Lung Injury</b>	Hypoventilatory with increased bibasilar atelectasis, left greater than right. Normal result

\*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	None	----	----	----
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	----	----	----	----
Hyperlipidemia	----	----	----	----
Autoimmune disease	----	----	----	----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Aunt- Type 2	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	none listed			
Comments:	Medical Hx: Anxiety, Depression, self-harm lacerations, scratched by pet house cat Social Hx: Suicide attempts, Self-harm Medication Hx: Prozac and Abilify for 3 years; Lamictal for 1.5 years; Clonidine, vitamin D, and Iron for 6 months.			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	122/76	
Average Low BP During Hospitalization	89/57	Duration: 55- 60 Min.
Average BP in OR (mmHg)	120/60	
Average Low BP in OR (mmHg)	68/35	Duration: 1 Min.
Average HR in OR (bpm)	120	
ABG-pH range	7.44 – 7.498	

### INTERVENTION

#### Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	Started 180:27 hrs. before organ recovery for the duration of 25:16 hrs.	
Vasopressin	----	----	----
Neo-Syneprine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	----	----
Dopamine	----	----	----



## HPAP-159 Donor Summary

### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	40 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

### Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2
NA	NA

### 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	-0.001
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	13.35	NA

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	03	23	Class II	DR	04	07
	B	07	44		DR51	N-Negative	N-Negative
	C	04	07		DR52	N-Negative	N-Negative
	Bw4	Positive			DR53	53	N-Negative
	Bw6	Positive			DQB1	02	03(8)
					DQA1	02	03
				DPB1	04:01	04:02	
				DPA1	01	01	
				DPB Ambiguity		04:02/105:01	
Comment:							

## HPAP-159 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	✓	-
SARS-CoV-2	Negative	✓	-

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### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	144	155	139
Creatinine (<1.5)	1.03	1.03	0.56
Glucose (mg/dL) (60-150)	249	303	290
HbA1C%	5.7		
Total bilirubin (0-1.0)	0.2	1.1	1.1
SGOT (AST) (0-40)	206	206	14
SGPT (ALT) (5-35)	173	179	19
Alkaline phosphatase (45-110)	167	167	122
Serum Amylase (23-851)	42	44	44
Serum Lipase (0-80)	53	53	67
WBC (THO/uL) (4.5-11.0)	20.5	23.5	15
Hgb (g/dL) (12-16)	9.4	10.9	10.5
Platelets (THO/uL) (150-350)	209	363	340
INR (<2.0)	1.1	1.2	1.1

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	Negative	NA	NA	NA

### Medications During Hospitalization

Steroids**	-----		
Diuretics	Mannitol 50 gm Intraoperative		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	1.5 - 3 mcg started		
Total parenteral nutrition	-----		
Other	Sodium Bicarbonate 100 ml/hr, Versed 3-5 mg, Fat Emulsion 105 ml, Pentobarbital 50 -100 mg, Fentanyl 70 mcg, Zosyn 3 gm, Phenobarbital 1400 mg, Ceftriaxone 2 gm, Albumin 5%	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