

# HPAP-173 Donor Summary



<b>HPAP</b>	<b>173</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	One legacy (California (CAOP))	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	22	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	White/Hispanic or Latino origin	<b>DBD</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<b>Sex</b>	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	<b>Admission to Cross Clamp</b>	163 Hours 03 Mins.
<b>ABO (Rh)</b>	A +	<b>Cross Clamp Time</b>	04/07/24 18:04 PT 04/07/24 21:04 ET
<b>BMI (Kg/m<sup>2</sup>)</b>	29.76	<b>Cold Ischemia Time*</b>	23 Hours 08 Mins.
<b>Weight (kg)</b>	84.00		
<b>Height (cm)</b>	168.00		
<b>Cause of Death</b>	Head Trauma	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
<b>Mechanism of Injury</b>	Blunt Injury	<b>Organs Recovered</b>	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input 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"/> Traumatic arrest at the scene with ROSC after 16 minutes	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	<input type="text"/> Hours <input type="text"/> Mins. NA
<b>CPR / Time</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Traumatic arrest at the scene with ROSC after 16 minutes	<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>	16 min.	<b>Blood Culture</b>	<b>Positive:</b> Gram positive cocci in clusters present in anaerobic bottle only. Staphylococcus hominis. Sensitivity in report.
<b>Date /Time of Admission</b>	03/31/24 23:01 PT 04/01/24 02:01 ET	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Bilateral scattered infiltrates and partial consolidation in the lower lung lobes.

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



## HPAP-173 Donor Summary

### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	-----	-----	-----	-----
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: He did smoke cigarettes for a year about 1 cigarette every couple of months. He continued smoking within the last 6months and did not quit. He drank beer socially 1 beer every couple of months for about a year.			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	128/76	
Average Low BP During Hospitalization	92/58	Duration: NA
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	6.98 – 7.51	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	250	5	1250
PRBCs	300	11	3300
Platelets	270	1	270
Norepinephrine (Levophed)	-----	0.030- 5.900 mcg/min started 6 days before organ recovery	
Vasopressin	-----	2.400 units/hr started 6 days before organ recovery	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



## HPAP-173 Donor Summary

### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	NA	NA	NA
PRBCs	NA	NA	NA
Platelets	NA	NA	NA
Norepinephrine (Levophed)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Syneprine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

### Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
GADA positive- index 3.7	Offered as: Aab+

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	165	0	-0.002	-0.002
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.56	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	2	32	Class II	DR	4	11
	B	7	44		DR51	N-Negative	N-Negative
	C	05	07		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	53
	Bw6	Positive			DQB1	7	8
			DQA1		03	05	
			DPB1		02:01	04:01	
		DPA1	01	01			
Comment:							

## HPAP-173 Donor Summary



### Confirmatory HLA (UPENN)\*

Class 1	A	02:01	32:01	Class II	DRB1	04:02	11:02
	B	07:02	44:02		DRB3	02:02	-----
	C	05:01	07:02		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:01	03:02
					DQA1	03:01	05:05
					DPB1	02:01	04:01
					DPA1	01:03	-----

\*HLA typing performed using NGS

### Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	<b>Positive</b>	✓	-
EBV IgM	Negative	✓	-
CMV IgG	<b>Positive</b>	✓	-
CMV IgM	Negative	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-
WNV NAT, T. Cruzi	Negative	✓	-



## HPAP-173 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	150	147
Creatinine (<1.5)	1.10	1.10	0.80
Glucose (mg/dL) (60-150)	395	395	107
HbA1C%	5.7	-----	-----
Total bilirubin (0-1.0)	0.7	8.0	8.0
SGOT (AST) (0-40)	223	223	37
SGPT (ALT) (5-35)	120	120	49
Alkaline phosphatase (45-110)	85	85	70
Serum Amylase (23-851)	60	146	128
Serum Lipase (0-80)	39	58	58
WBC (THO/uL) (4.5-11.0)	13.5	17.9	17.9
Hgb (g/dL) (12-16)	10.5	17.3	11.6
Platelets (THO/uL) (150-350)	219	219	218
INR (<2.0)	1.40	1.60	1.30

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup> - 13 <sup>th</sup>
Glucose	Negative	Negative	Negative	Negative

### Medications During Hospitalization

<b>Steroids**</b>	Solumedrol 500.00 mg /10.00ml started 47:04 hrs. before organ recovery for the duration of 40:00hrs.		
<b>Diuretics</b>	Lasix 10 mg/ ml started 88:04 hrs. before organ recovery for the duration of 73:00 hrs.		
<b>T3 Protocol</b>	-----		
<b>T4 Protocol*</b>	-----		
<b>Insulin**</b>	5.00 unit/5ml started 75:04 hrs. before organ recovery for the duration of 68:00 hrs.		
<b>Antihypertensive</b>	-----		
<b>Vasodilators</b>	-----		
<b>DDAVP**</b>	-----		
<b>Total parenteral nutrition</b>	-----		
<b>Other</b>	Thiamine 100 mg, Zosyn3.37 g, NS, Diamox 500 mg, KCL, Pepcid 20 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