

# HPAP-144 Donor Summary



<b>HPAP</b>	<b>144</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	TNDS - Tennessee Donor Svcs	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	61 Years	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	Hispanic/Latino	<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>	<input type="text" value="76"/> Hours <input type="text" value="31"/> Mins.
<b>ABO (Rh)</b>	O Positive	<b>Cross Clamp Time</b>	2/23/23 12:31 CST
<b>BMI (Kg/m<sup>2</sup>)</b>	32.561	<b>Cold Ischemia Time*</b>	<input type="text" value="20"/> Hours <input type="text" value="51"/> Mins.
<b>Weight (kg)</b>	91.9000		
<b>Height (cm)</b>	168.00		
<b>Cause of Death</b>	ANOXIA	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input type="checkbox"/> <b>CSS</b>
<b>Mechanism of Injury</b>	CARDIOVASCULAR	<b>Organs Recovered</b>	Heart <input 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"/> NA	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	<input type="text" value="00"/> Hours <input type="text" value="11"/> Mins.
<b>CPR / Time</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<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>	NA	<b>Blood Culture</b>	NA
<b>Date /Time of Admission</b>	02/20/2023 08:00 CST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Prosthesis blocks the left hemidiaphragm may indicate atelectasis /retrocardiac infiltrate.

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



## HPAP-144 Donor Summary

### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2DM	6 months	Mounjaro Injection DM, Aloe vera,	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	Yes HDL	10 years	NA	NA
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Mother father and brother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	1-BackLAR 20 years ago 2-Shoulder Right Rotator Cuff 12 years ago			
Comments:	Medical Hx: Rhinorrhea due to seasonal allergy, Neck pain, diagnosed with arthritis 5 months.ds Medication Hx: Metformin D/C'd 5 years prior Geritol, ASA Prostate supplement Smoking Hx: Marijuana 12 years- s/p shoulder surgery Alcohol Hx: Beer and Margarita nightly 1-2 per night for 5 years			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	124/66	
Average Low BP During Hospitalization	53.5 – 47.5	Duration: 3-5 minutes
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration:
Average HR in OR (bpm)	NA	
ABG-pH range	7.07 – 7.42	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	2 MCG/MIN started 99:46 hrs before organ recovery for the duration of 54:15 hrs.	
Vasopressin	-----	2.4 UNITS/HR started 65:31 hrs before organ recovery for the duration of 23:00hrs.	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	100 mcg (x 3)	300 mcg
Dopamine	-----	-----	-----

## HPAP-144 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	-----	-----	-----
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	-0.001	0.000
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	2.3	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	24	30	Class II	DR	4	14
	B	65	39		DR51	N-Negative	N-Negative
	C	07	08		DR52	52	N-Negative
	Bw4	Negative			DR53	53	N-Negative
	Bw6	Positive			DQB1	7	8
					DQA1	03	05
					DPB1	04:02	04:02
					DPA1	01	01
Comment:							

## HPAP-144 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	Negative	✓	-
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	Not Detected	✓	-



## HPAP-144 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	151	162	155
Creatinine (<1.5)	0.97	1.36	1.2
Glucose (mg/dL) (60-150)	136	385	180
HbA1C%	5.9	-----	-----
Total bilirubin (0-1.0)	0.8	1.1	0.5
SGOT (AST) (0-40)	113	113	22
SGPT (ALT) (5-35)	258	258	127
Alkaline phosphatase (45-110)	66	79	69
Serum Amylase (23-851)	50	NA	NA
Serum Lipase (0-80)	13	NA	NA
WBC (THO/uL) (4.5-11.0)	10.3	23	17.5
Hgb (g/dL) (12-16)	16.4	16.4	11.6
Platelets (THO/uL) (150-350)	215	215	102
INR (<2.0)	1.3	1.9	1.2

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	<b>Positive:</b> 500	Negative	<b>Positive:</b> 150	NA

### Medications During Hospitalization

Steroids**	Slumedrol		
Diuretics	Bumex		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	Yes started 48:31 hrs. before organ recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine vasopressin, Flagyl, cefepime, vancomycin, Levothyroxine sodium, Methylprednisolon, metronidazole,	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