

## HPAP-125 Donor Summary



<b>HPAP</b>	<b>125</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	PADV- Gift of life Donor Program	<b>Allocation Via</b>	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
<b>Age (years)</b>	38	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	Hispanic	<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>	274 Hours 17 Mins.
<b>ABO (Rh)</b>	O Positive	<b>Cross Clamp Time</b>	06/08/2022 19:40 EDT
<b>BMI (Kg/m<sup>2</sup>)</b>	24.170	<b>Cold Ischemia Time*</b>	15 Hours 58 Mins.
<b>Weight (kg)</b>	70.000		
<b>Height (cm)</b>	170.18		
<b>Cause of Death</b>	ANOXIA	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
<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 checked="" 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>	00 Hours 21 Mins.
<b>CPR / Time</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	<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>	Unknown	<b>Blood Culture</b>	NA
<b>Date /Time of Admission</b>	05/28/2022 09:23 EDT	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Progression of multifocal opacities which could reflect multifocal pneumonia or edema with associated increase in pleural effusions.

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



## HPAP-125 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:	Inguinal Hernia 2 years old			
Comments:	Medical Hx: Covid vaccine 8 months ago Social Hx: Snorted Heroin for 5 years and cocaine for 1 month. Smoked 0.5 PPD cigarettes for 10 years, was jailed for 4 months released 3-4 months ago US Military member, traveled to Germany for 1 year and Puerto Rico for 7 years.			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	120/77	
Average Low BP During Hospitalization	78/49	Duration: 5-60 min.
Average BP in OR (mmHg)	90/50	
Average Low BP in OR (mmHg)	78/48	Duration:1 min.
Average HR in OR (bpm)	85	
ABG-pH range	7.00 - 7.451	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	10-30 mcg/min started 274:12 hrs. before organ recovery.	
Vasopressin	-----	0.04 units/min Started 269:14 hrs. before organ recovery	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	1-2 mg started 267:56 hrs. before organ recovery	
Phenylephrine	-----	100-180 mcg/min started 268:37hrs.before organ recovery	
Dopamine	-----	-----	-----



## HPAP-125 Donor Summary

### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	15 mcg/min	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	125mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	21,000	-----

### 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	-0.002	0.001
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.52	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	2	30	Class II	DR	18	8
	B	35	42		DR51	N-Negative	N-Negative
	C	16	17		DR52	52	N-Negative
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	4
			DQA1		04	05	
			DPB1		01:01	105:01	
Comment:							

## HPAP-125 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	-	-	-
Ultrio HBV	Non- Reactive	✓	-
Ultrio HCV	Non- Reactive	✓	-
Ultrio HIV	Non- Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



## HPAP-125 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	139	154	132
Creatinine (<1.5)	2.71	2.72	1.21
Glucose (mg/dL) (60-150)	531	531	92
HbA1C%	5.4	-----	-----
Total bilirubin (0-1.0)	0.1	0.6	0.6
SGOT (AST) (0-40)	81	235	140
SGPT (ALT) (5-35)	91	154	33
Alkaline phosphatase (45-110)	73	296	294
Serum Amylase (23-851)	-----	-----	42
Serum Lipase (0-80)	-----	-----	40
WBC (THO/uL) (4.5-11.0)	11.6	27.9	20.5
Hgb (g/dL) (12-16)	14.3	15.7	8.5
Platelets (THO/uL) (150-350)	218	382	355
INR (<2.0)	1.3	1.45	1.33

### Urinalysis

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

### Medications During Hospitalization

<b>Steroids**</b>	Hydrocortisone 100 mg x 3 doses started 251:40 hrs. before organ recovery		
<b>Diuretics</b>	Manitol 50 gm		
<b>T3 Protocol</b>	-----		
<b>T4 Protocol*</b>	100 mcg/hr		
<b>Insulin**</b>	-----		
<b>Antihypertensive</b>	-----		
<b>Vasodilators</b>	-----		
<b>DDAVP**</b>	-----		
<b>Total parenteral nutrition</b>	-----		
<b>Other</b>	Naloxone/Narcan 1-2 mg, Sodium Bicarbonate, Propofol 20 mcg/kg/min, Acetaminophen 1 gm, Calcium Gluconat 2gm, Magnesium Sulfate 2 gm. Cefepime 2000 mg, Vancomycin 1000 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