

## HPAP-182 Donor Summary



<b>HPAP</b>	<b>182</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>	50	<b>DCD</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<b>Race</b>	African American	<b>DBD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<b>Sex</b>	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	<b>Admission to Cross Clamp</b>	<input type="text" value="126"/> Hours <input type="text" value="28"/> Mins.	
<b>ABO (Rh)</b>	A	<b>Cross Clamp Time</b>	09/11/2024 18:41EST	
<b>BMI (Kg/m<sup>2</sup>)</b>	30.94	<b>Cold Ischemia Time*</b>	<input type="text" value="16"/> Hours <input type="text" value="35"/> Mins.  WIT: 32 minutes	
<b>Weight (kg)</b>	97.8			
<b>Height (cm)</b>	177.8			
<b>Cause of Death</b>	Head Trauma	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/Belzer Cold Storagege/Viaspan/SPS-1	
<b>Mechanism of Injury</b>	Gunshot Wound	<b>Organs Recovered</b>	Heart <input type="checkbox"/> Lung <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/>	Kidney <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
<b>Cardiac Arrest/Downtime</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Asystole	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	<input type="text" value="00"/> Hours <input type="text" value="17"/> Mins.	
<b>CPR / Time</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>Organs Discarded</b>	Heart <input type="checkbox"/> Lung <input checked="" type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
<b>Total Est. Downtime</b>	No Downtime	<b>Blood Culture</b>	NA	
<b>Date /Time of Admission</b>	09/06/2024 12:13 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		<b>Acute Lung Injury</b>	Pulmonary infiltrates with confluence in the lower lungs. No effusions or thickening.	

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



## HPAP-182 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:	Ankle surgery (2012), back surgery, Right knee surgery (1996)			
Comments:	Medical Hx: Seizures, anxiety, depression Social Hx: ETOH (daily Vodka until 6 years ago) and opioid abuse,			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	162/88	
Average Low BP During Hospitalization	128/96	Duration: 15-30 min.
Average BP in OR (mmHg)	DCD: 137/75 (prior to Extubation)	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	DCD: 120 (prior to Extubation)	
ABG-pH range	7.316 – 7.51	

### INTERVENTION

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

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



## HPAP-182 Donor Summary

### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (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	-0.002	-0.003
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.95	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	2	29	Class II	DR	13	4
	B	27	52		DR51	N-Negative	N-Negative
	C	2	16		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	53
	Bw6	Negative			DQB1	7	5
			DQA1		01	03	
			DPB1		01:01	04:01	
		DPA1	01	02			
Comment:							

## HPAP-182 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	NA	-	-
EBV IgM	NA	-	-
CMV	NA	-	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	NA	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	NA	-	-
SARS-CoV-2	Negative	✓	-



## HPAP-182 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	141	150	147
Creatinine (<1.5)	0.54	1.84	0.74
Glucose (mg/dL) (60-150)	157	157	94
HbA1C%	5.5	-----	-----
Total bilirubin (0-1.0)	0.5	0.5	0.3
SGOT (AST) (0-40)	180	180	38
SGPT (ALT) (5-35)	29	29	18
Alkaline phosphatase (45-110)	92	92	73
Serum Amylase (23-851)	103	103	42
Serum Lipase (0-80)	14	18	18
WBC (THO/uL) (4.5-11.0)	13.7	23.1	11.5
Hgb (g/dL) (12-16)	14	17.4	11.8
Platelets (THO/uL) (150-350)	179	238	129
INR (<2.0)	1.1	1.7	1.1

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	Positive: 30	Negative	Negative	Negative

### Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	-----
Antihypertensive	IV Esmolol started 112:59 hrs before organ recovery and continued for 5:34 hrs. Nicardipine started 117:17 hrs before organ recovery, for the duration of 1:06 hrs.
Vasodilators	Hydralazine 10 mg (1 dose) started 120:56 hrs. before organ recovery
DDAVP**	-----
Total parenteral nutrition	-----
Other	NS, Fentanyl, Vancomycin 1750mg, Metronidazole 500 mg

\*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