



## HPAP-162 Donor Summary

<b>HPAP</b>	<b>162</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>	53	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	African American	<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>	94 Hours 52 Mins.
<b>ABO (Rh)</b>	O Positive	<b>Cross Clamp Time</b>	09/16/2023 14:02
<b>BMI (Kg/m<sup>2</sup>)</b>	35.91	<b>Cold Ischemia Time*</b>	06 Hours 35 Mins.
<b>Weight (kg)</b>	104		
<b>Height (cm)</b>	170.18		
<b>Cause of Death</b>	CVA/Stroke	<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>	Intracranial Hemorrhage/Stroke	<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"/> unknown	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	00 Hours 29 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>	09/12/2023 15:10 09/12	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input type="checkbox"/>
		<b>Acute Lung Injury</b>	Moderate basilar opacities, possible pneumonia, no major effusion or pneumothorax, low lung volumes.

\*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	T2DM	unknown	unknown	unknown
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	Diagnosed at age 34 (19 years)	Amlodipine 40 mg daily	yes
Hyperlipidemia	yes	Diagnosed at age 34 (19 years)	NA	yes
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Bilateral renal angiogram, cardiac catheterization (8/13/2004) , IR for left vertebral artery/basilar artery clot removal (9/12/23) Noted underlying stenosis from ICAD vs dissection			
Comments:	Medical Hx: HTN, DM, chronic lung disease (asthma). Allergic to anesthesia, Augmentin Social Hx: 2 beers one a week for 10 years			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	137/72	
Average Low BP During Hospitalization	107/77	Duration: 10-35 min.
Average BP in OR (mmHg)	120/70	
Average Low BP in OR (mmHg)	70/40	Duration: 1 min.
Average HR in OR (bpm)	95	
ABG-pH range	7.24-7.49	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	8 mg/min started 82:57 hrs. before organ recovery	
Vasopressin	-----	0.03 units/min started 79:35 hrs. before organ recovery	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	Started 92:22 hrs. before organ recovery for the duration of 10:20 hrs.	
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



## HPAP-162 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	-0.003	-0.001
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.31	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	30	68	Class II	DR	17	15
	B	53	57		DR51	51	N-Negative
	C	04	07		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Negative			DQB1	02	06
			DQA1		01	05	
			DPB1		02	03	
Comment:							

## HPAP-162 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	✓	-



## HPAP-162 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	141	152	154
Creatinine (<1.5)	2.22	2.49	2.47
Glucose (mg/dL) (60-150)	355	375	295
HbA1C%	7	-----	-----
Total bilirubin (0-1.0)	0.5	2.4	1.9
SGOT (AST) (0-40)	160	160	32
SGPT (ALT) (5-35)	223	223	60
Alkaline phosphatase (45-110)	49	98	87
Serum Amylase (23-851)	304	304	82
Serum Lipase (0-80)	27	45	45
WBC (THO/uL) (4.5-11.0)	12.6	14	10.9
Hgb (g/dL) (12-16)	13.6	13.6	9.6
Platelets (THO/uL) (150-350)	207	253	156
INR (<2.0)	1.3	1.5	1.5

### Urinalysis

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

### Medications During Hospitalization

Steroids**	-----
Diuretics	Mannitol 50 gms
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	Regular continuous started 92:22 hrs. before organ recovery for the duration of 15:20hrs. Regular 4 units(x2) started 50:31 hrs. before organ recovery Insulin NPH 4 units(x2) started 53:45 hrs. before organ recovery
Antihypertensive	-----
Vasodilators	-----
DDAVP**	1mcg (x1) started 73:02 hrs. before organ recovery
Total parenteral nutrition	
Other	Potassium chloride 40 mEq (x5), Apirun 81 mg, Heparin Sodium 5000(x4), Magnesium Sulfate 4gm(x2), 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