



## HPAP-150 Donor Summary

<b>HPAP</b>	<b>150</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	PATF - Center for Organ Recovery and Educ.	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	61	<b>DCD</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<b>Race</b>	White: Not Specified	<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="88"/> Hours <input type="text" value="47"/> Mins.
<b>ABO (Rh)</b>	B Positive ( + )	<b>Cross Clamp Time</b>	05/02/2023 16:47 EDT
<b>BMI (Kg/m<sup>2</sup>)</b>	36.139	<b>Cold Ischemia Time*</b>	<input type="text" value="18"/> Hours <input type="text" value="13"/> Mins. WIT: 20 Min.
<b>Weight (kg)</b>	102.000		
<b>Height (cm)</b>	168.00		
<b>Cause of Death</b>	CEREBROVASCULAR/STROKE	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Servator B
<b>Mechanism of Injury</b>	INTRACRANIAL HEMORRHAGE/STROKE	<b>Organs Recovered</b>	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
<b>Cardiac Arrest/Downtime</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	<input type="text"/> Hours <input type="text"/> Mins. Liver Not Recovered
<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>	No Downtime	<b>Blood Culture</b>	NA
<b>Date /Time of Admission</b>	04/29/2023 00:00 EDT	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Bibasilar opacities may reflect atelectasis versus aspiration/pneumonia.

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



## HPAP-150 Donor Summary

### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2D	>4 years	Jardiance 10 mg once a day and Glucophage 500 mg 2x a day	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	>8 years since around 2015	Lisinopril 20mg, Coreg2.5mg, amlodipine 5 mg	Yes
Hyperlipidemia	yes	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Father had T2D	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Rotator cuff surgery in 2007, C-section x4(34-27 years ago ), Ablation in 2015			
Comments:	Medical Hx: PMHx of a-fib, diabetes type 2, hld, hyperthyroidism, cardiomyopathy, migraines, heart failure. Drinking Hx: One Smirnoff ice once a month for 10 years			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/78	
Average Low BP During Hospitalization	100/68	Duration: 5 Min.
Average BP in OR (mmHg)	103/72	
Average Low BP in OR (mmHg)	103/66	Duration: 1 Min.
Average HR in OR (bpm)	89	
ABG-pH range	7.39 - 7.47	

### 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-150 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	-----	50,000	-----

### 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	-0.002
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.13	NA

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	1	31	Class II	DR	16	17
	B	8	61		DR51	-----	-----
	C	02	07		DR52	-----	-----
	Bw4	Negative			DR53	-----	N-Negative
	Bw6	Positive			DQB1	2	5
			DQA1		01	05	
			DPB1		04:01	-----	
DPA1			01	-----			
Comment:							

## HPAP-150 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 (HIV Ag/Ab Combo)	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	Non-Reactive	✓	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



## HPAP-150 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	132	160	160
Creatinine (<1.5)	1.14	1.14	0.93
Glucose (mg/dL) (60-150)	392	392	266
HbA1C%	8.1	-----	-----
Total bilirubin (0-1.0)	0.4	0.5	0.5
SGOT (AST) (0-40)	11	14	14
SGPT (ALT) (5-35)	12	13	13
Alkaline phosphatase (45-110)	50	58	58
Serum Amylase (23-851)	NA	NA	37
Serum Lipase (0-80)	NA	NA	22
WBC (THO/uL) (4.5-11.0)	10.7	14.8	10.75
Hgb (g/dL) (12-16)	15.8	15.8	14.2
Platelets (THO/uL) (150-350)	248	248	184
INR (<2.0)	1	1.1	1.1

### Urinalysis

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

### Medications During Hospitalization

Steroids**	N
Diuretics	No
T3 Protocol	No
T4 Protocol*	No
Insulin**	No
Antihypertensive	No
Vasodilators	No
DDAVP**	No
Total parenteral nutrition	N
Other	Ancef 1g IV, furosemide 40mg IVP, Metoprolol 2.5 IVP
	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