

## HPAP -105- Donor Summary



<b>HPAP</b>	<b>105</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	Massachusetts (MAOB)	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	51	<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 type="checkbox"/> F <input checked="" type="checkbox"/>	<b>Admission to Cross Clamp</b>	<input type="text" value="88"/> Hours <input type="text" value="57"/> Mins.
<b>ABO (Rh)</b>	O positive	<b>Cross Clamp Time</b>	09/20/2021 22:18 EST
<b>BMI (Kg/m<sup>2</sup>)</b>	28.1	<b>Cold Ischemia Time*</b>	<input type="text" value="16"/> Hours <input type="text" value="20"/> Mins.
<b>Weight (kg)</b>	76.5		
<b>Height (cm)</b>	165		
<b>Cause of Death</b>	Head trauma	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
<b>Mechanism of Injury</b>	Blunt Injury	<b>Organs Recovered</b>	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
<b>Cardiac Arrest/Downtime</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	<input type="text"/> Hours <input type="text"/> Mins. NA
<b>CPR / Time</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<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>	09/17/2021 05:21 EST	<b>PHS High Risk</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
		<b>Acute Lung Injury</b>	No

\*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	-----	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Autoimmune disease <input type="checkbox"/>	Others:
Surgical History:	Ovary/uterine surgery, donor had ovary removed for endometriosis per family (CT this admission notes both ovaries and uterus all present)			
Comments:	<p>Medical Hx: Previous gastrointestinal disease, Pt had a positive /reactive test for hepatitis, treatment for unknown hepatitis at age 12.</p> <p>Social Hx: EtOH, 2-3 times/month, 2-3 beers per instance x 30 years.</p> <p>Medication Hx: pain medication for occasional headache</p>			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	114/67	
Average Low BP During Hospitalization	77/43	Duration: 5-60 min.
Average BP in OR (mmHg)	100/60	
Average Low BP in OR (mmHg)	60/40	Duration: 2 min.
Average HR in OR (bpm)	85	
ABG-pH range	7.16 – 7.46	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	6 mcg/min started 69:16 hrs before organ recovery	
Vasopressin	-----	0.04 U/min started 67:36 hrs before organ recovery for the duration of 30:50 hrs	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



## HPAP -105- Donor Summary

### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	800 mcg	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

### Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2
Not performed	Not performed

### 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	-0.004
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.5	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	2	24	Class II	DR	14	14
	B	35	38		DR51	Negative	Negative
	C	01	12		DR52	3*01	3*02
	Bw4	Positive			DR53	Negative	Negative
	Bw6	Positive			DQB1	5	7
			DQA1		01	05	
			DPB1		04:01	05:01	
Comment:							

## HPAP -105- 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	✓	-
CMV IgM(EIA)	Negative	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	complete	✓	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Positive	✓	-
SARS-CoV-2	Negative	✓	-



## HPAP -105- Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	135	141	141
Creatinine (<1.5)	0.6	1	0.6
Glucose (mg/dL) (60-150)	157	239	128
HbA1C%	5.2	----	----
Total bilirubin (0-1.0)	1	2	0.7
SGOT (AST) (0-40)	27	44	39
SGPT (ALT) (5-35)	24	41	41
Alkaline phosphatase (45-110)	60	105	105
Serum Amylase (23-851)	56	73	73
Serum Lipase (0-80)	8	22	22
WBC (THO/uL) (4.5-11.0)	9.6	17	13.4
Hgb (g/dL) (12-16)	13.9	14.5	7.6
Platelets (THO/uL) (150-350)	209	209	77
INR (<2.0)	1.7	1.7	1.1

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	Negative	<b>Positive</b> 250	<b>positive</b> >1000	

### Medications During Hospitalization

<b>Steroids**</b>	Solumedrol 1 gm		
<b>Diuretics</b>	-----		
<b>T3 Protocol</b>	-----		
<b>T4 Protocol*</b>	10 mcg/hr started 69:21 hrs. before organ recovery for the duration of 6:45 hrs.		
<b>Insulin**</b>	-----		
<b>Antihypertensive</b>	-----		
<b>Vasodilators</b>	-----		
<b>DDAVP**</b>	-----		
<b>Total parenteral nutrition</b>	-----		
<b>Other</b>	Magnesium 1000 - 2000mg, KPhos 20 mmol, Zosyn 3.375gm Q8H, Vancomycin 1250 mg Q12H, KCL 20 mEq, Vasopressin 0.04 u/min	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