

## HPAP-075 Donor Summary



<b>HPAP</b>	<b>075</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>	35	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	Caucasian	<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>	67 Hours 10 Mins.
<b>ABO (Rh)</b>	A+	<b>Cross Clamp Time</b>	11/22/2020 19:09 EST
<b>BMI (Kg/m<sup>2</sup>)</b> <b>Weight (kg)</b> <b>Height (cm)</b>	27.52 89.5 180.34	<b>Cold Ischemia Time*</b>	11 Hours 25 Mins.
<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 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>	0 Hours 9 Mins.
<b>CPR / Time</b>	Yes <input checked="" type="checkbox"/> 10 Min. No <input 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>	10-70 Minutes	<b>Blood Culture</b>	Gram positive cocci in clusters in one bottle. Second test: Negative
<b>Date /Time of Admission</b>	11/19/2020 23:50 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Superimposed pneumonia versus discoid atelectasis

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



## HPAP-075 Donor Summary

### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	----	----	----	----
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	Yes	0-5 years	----	No
Hyperlipidemia	----	----	----	----
Autoimmune disease	----	----	----	----
Family History	CAD <input checked="" type="checkbox"/>	Diabetes <input checked="" type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Family Hx: Father had Type II DM, Mother had a stroke in 2017 Medical Hx: seizures randomly - violent jerking-loss of memory Smoking Hx: smoked 1ppd approx 15-20 years, Drug Hx: marijuana binges upon admit, IVDA in the last 5 years, methamphetamine, cocaine ink method of use for 5 years Jail for 7 days in the last year Meds: Levitiracetam 750 1tabBID , HCTZ 12.5 mg 1 daily, Oxcarbazepine( Oxcarbazepine) 300 mg 1 tab BID (pt was not compliant)			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	121/71	
Average Low BP During Hospitalization	82/62	Duration: 15-30 min
Average BP in OR (mmHg)	125/80	
Average Low BP in OR (mmHg)	100/70	Duration: 1 min.
Average HR in OR (bpm)	90	
ABG-pH range	6.87 – 7.46]	

### Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	1.8 – 0.02 UNITS/HR for the duration of 14:51:00 hrs 1 day before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	300-430 MCG/MIN for the duration of 9:10:00 hrs 1 day before organ recovery	
Dopamine	-----	-----	-----

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### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	125 mcg/min	-----
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	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	11.97	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	1	24	Class II	DR	17	13
	B	63	63		DR51	N-Negative	N-Negative
	C	07	07		DR52	52	52
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Negative			DQB1	2	6
					DQA1	01	05
					DPB1	02:01	04:01
Comment:							



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### 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-075 Donor Summary



### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	130	152	149
Creatinine (<1.5)	1.07	1.62	1.32
Glucose (mg/dL) (60-150)	119	298	190
HbA1C%	6	-	-
Total bilirubin (0-1.0)	0.7	8.8	0.8
SGOT (AST) (0-40)	27	525	36
SGPT (ALT) (5-35)	20	603	172
Alkaline phosphatase (45-110)	101	101	56
Serum Amylase (23-851)	31	31	10
Serum Lipase (0-80)	19	19	3
WBC (THO/uL) (4.5-11.0)	9.8	14.2	4.4
Hgb (g/dL) (12-16)	13.9	15.6	10.4
Platelets (THO/uL) (150-350)	247	247	100
INR (<2.0)	1.2	1.6	1.5

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	Negative	Positive:20	Negative	-

### Medications During Hospitalization

Steroids**	Yes, Solumedrol Q6		
Diuretics	----		
T3 Protocol	----		
T4 Protocol*	Yes		
Insulin**	----		
Antihypertensive	----		
Vasodilators	----		
DDAVP**	----		
Total parenteral nutrition	----		
Other	Arginine Vasopressin	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