

## HPAP -136 Donor Summary



<b>HPAP</b>	<b>136</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	Jefferson Cherry Hill Hosp	<b>Allocation Via</b>	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
<b>Age (years)</b>	29	<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>	177 Hours 35 Mins.
<b>ABO (Rh)</b>	A1(positive)	<b>Cross Clamp Time</b>	11/15/2022 09:35 EST
<b>BMI (Kg/m<sup>2</sup>)</b>	27.24	<b>Cold Ischemia Time*</b>	7 Hours 13 Mins.
<b>Weight (kg)</b>	182.88		
<b>Height (cm)</b>	91.1		
<b>Cause of Death</b>	Anoxia	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Belzer Cold Storage /Viaspan/SPS-1
<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"/> Unknown	<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 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>	11/08/2022 00:00 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Interval mild improvement of bilateral perihilar and bibasilar opacities.

\*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"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Left hand tendon surgery 13 years ago			
Comments:	Medical Hx: Depression, GERD, previous overdose 2014 Medication Hx: Xanax (5 years), Omeprazole, 10mg (5 years) Social Hx: Smoked cigarettes 0.5 packs a day as a teenager (2 years) 5-7 drinks (vodka or rum) once a week for 1.5 years Drug Hx: Polysubstance abuse (cocaine, marijuana, benzos w/ IVDA Opiates in the past). Heroin, Mrth and Crack for 5 years last used 7 years ago. Cocaine, Xanax and THC for 5 years last used 1 week ago.			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	141/86	
Average Low BP During Hospitalization	108/52	Duration: 5 -110 min.
Average BP in OR (mmHg)	102/70	
Average Low BP in OR (mmHg)	40/20	Duration: 8 min.
Average HR in OR (bpm)	130	
ABG-pH range	7.22 – 7.48	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.05 mcg/kg/min started 50:35 hrs. before organ recovery.	
Vasopressin	-----	-----	-----
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
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)	-----	300 mcg/kg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	-----	-----

### Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
NA	NA

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	0.001	0.002
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	7.14	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	3	32	Class II	DR	15	16
	B	65	27		DR51	51	51
	C	02	08		DR52	Negative	Negative
	Bw4	Positive			DR53	Negative	Negative
	Bw6	Positive			DQB1	5	6
			DQA1		01	01	
DPB1			04:01		04:01		
DPA1			01		01		
Comment:							

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### Confirmatory HLA (UPENN)\*

Class 1	A	03:01	32:01	Class II	DRB1	15:01	16:01
	B	14:02	27:02		DRB3	-----	-----
	C	08:02	02:02		DRB4	-----	-----
					DRB5	01:01	02:02
					DQB1	05:02	06:02
					DQA1	01:02	-----
					DPB1	04:01	-----
					DPA1	01:03	-----

\*HLA typing performed using NGS

### Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Negative	✓	-
EBV IgM	Negative	✓	-
CMV	<b>Positive</b>	✓	-
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	✓	-



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### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	169	161
Creatinine (<1.5)	1.48	1.48	0.59
Glucose (mg/dL) (60-150)	290	290	197
HbA1C%	5.4	-----	-----
Total bilirubin (0-1.0)	0.9	0.9	0.2
SGOT (AST) (0-40)	353	353	27
SGPT (ALT) (5-35)	452	452	30
Alkaline phosphatase (45-110)	76	84	56
Serum Amylase (23-851)	41	41	19
Serum Lipase (0-80)	28	28	8
WBC (THO/uL) (4.5-11.0)	10.8	20.6	18.3
Hgb (g/dL) (12-16)	13.5	15.5	11.1
Platelets (THO/uL) (150-350)	185	209	149
INR (<2.0)	1.27	1.27	1.1

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	3+	-----	-----	150 - Abnormal

### Medications During Hospitalization

Steroids**	-----		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Precedex 0.2 mcg/kg/min, Propofol 20 mcg/kg/min, 3% HTS, Zosyn 3.375 gm, Keppra 1000mg, Valproate 2000 mg, Potassium Chloride 20 mEq, Magnesium Sulfate 2 gm, Vancomycin 2000mg, Cefazolin 1000mg, Albuterol 2.5 mg	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