

## HPAP\_ 045 Donor Summary



<b>HPAP</b>	-045	<b>UNOS</b>		
<b>Recovery OPO</b>	Lifebanc - Ohio	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
<b>Age (years)</b>	27	<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 type="checkbox"/> F <input checked="" type="checkbox"/>	<b>Admission to Cross Clamp</b>	119 Hours 21 Mins.	
<b>ABO (Rh)</b>	A+	<b>Cross Clamp Time</b>	08/01/2019 13:21 EST	
<b>BMI (Kg/m<sup>2</sup>)</b>	26.2	<b>Cold Ischemia Time*</b>	20 Hours 33 Mins.	
<b>Weight (kg)</b>	71.2			
<b>Height (cm)</b>	165			
<b>Cause of Death</b>	Anoxia	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/>	
<b>Mechanism of Injury</b>	Asphyxiation (Suicide)	<b>Organs Recovered</b>	Heart <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/>	Kidney <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
<b>Cardiac Arrest/Downtime</b>	Yes <input checked="" type="checkbox"/> 52 minutes No <input type="checkbox"/>	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	0 Hours 44 Mins.	
<b>CPR / Time</b>	Yes <input checked="" type="checkbox"/> 30 minutes No <input type="checkbox"/>	<b>Organs Discarded</b>	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
<b>Total Est. Downtime</b>	52 minutes	<b>Blood Culture</b>	No Growth	
<b>Date /Time of Admission</b>	7/27/2019 14:00 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		<b>Acute Lung Injury</b>	No ARDS	

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

10/30/2019

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### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	None	-	-	-
History of cancer	None	-	-	-
CAD	None	-	-	-
Hypertension	None	-	-	-
Hyperlipidemia	None	-	-	-
Autoimmune disease	None	-	-	-
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	History of Depression			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	120/73	
Average Low BP During Hospitalization	86/50	Duration: 1 hour
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	7.41 – 7.50	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-	-	-
PRBCs	-	-	-
Platelets	-	-	-
Norepinephrine (Levophed)	3 days before organ recovery		15/ mcg/min
Vasopressin	3 days before organ recovery		0.12 units/hr
Neo-Syneprine	-	-	-
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	NA	-	-
Neo-Synephrine (phenylephrine)	-	-	-
Epinephrine	-	-	-
Dopamine	-	-	-
Heparin		30,000	

### Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
Positive	Negative

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	321	0	0.003	0.004
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.7	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	1	2	Class II	DR	17	17
	B	8	60		DR51	negative	-
	C	10	07		DR52	52	-
	Bw4	Negative			DR53	negative	-
	Bw6	Positive			DQB1	2	2
			DQA1		05	05	
			DPB1		03:01	04:01	
Comment:							

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### Confirmatory HLA (UPENN)\*

Class 1	A	01:01	02:01	Class II	DRB1	03:01	-
	B	08:01	40:01		DRB3	01:01	-
	C	03:04	07:01		DRB4	-	-
					DRB5	-	-
					DQB1	02:01	-
					DQA1	05:01	-
					DPB1	03:01	04:01
					DPA1	01:03	-

\*HLA typing performed using NGS

### Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV totam Ab	Non-Reactive	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	Non-Reactive	✓	-
Ultrio HBV	ND	-	-
Ultrio HCV	ND	-	-
Ultrio HIV	ND	-	-
Toxoplasma Ab	Negative	✓	-

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### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	148	178	168
Creatinine (<1.5)	1.01	1.13	0.66
Glucose (mg/dL) (60-150)	306	306	198
HbA1C%	5.2	-	-
Total bilirubin (0-1.0)	0.2	0.4	0.3
SGOT (AST) (0-40)	101	336	101
SGPT (ALT) (5-35)	78	234	234
Alkaline phosphatase (45-110)	62	97	58
Serum Amylase (23-851)	74	ND	ND
Serum Lipase (0-80)	397	ND	ND
WBC (THO/uL) (4.5-11.0)	12.3	37.4	15
Hgb (g/dL) (12-16)	14.7	14.7	8.6
Platelets (THO/uL) (150-350)	366	366	187
INR (<2.0)	1.08	1.13	1.04

### Urinalysis

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

### Medications During Hospitalization

Steroids**	-
Diuretics	Lasix 20-40 mg 2 days before organ recovery
T3 Protocol	-
T4 Protocol*	Yes. Started 48 hours before organ recovery
Insulin**	-
Antihypertensive	-
Vasodilators	-
DDAVP**	-
Total parenteral nutrition	-
Other	- 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