

## HPAP029 Donor Summary



<b>HPAP</b>	029	<b>UNOS</b>		
<b>Recovery OPO</b>	Lifeshare of the Carolinas	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
<b>Age (years)</b>	23	<b>DCD</b>	YES <input type="checkbox"/> NO <input 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>	38 Hours 59 Mins.	
<b>ABO (Rh)</b>	A+	<b>Cross Clamp Time</b>	6/28/2018 @ 21:53 EST	
<b>BMI (Kg/m<sup>2</sup>)</b>	28.63	<b>Cold Ischemia Time*</b>	16 Hours 47 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 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"/> 20 Minutes No <input type="checkbox"/>	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	0 Hours 7 Mins.	
<b>CPR / Time</b>	Yes <input checked="" type="checkbox"/> 20 minutes 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>	20 minutes	<b>Blood Culture</b>	No Growth	
<b>Date /Time of Admission</b>	06/27/2018 @07:54 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.

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### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	No	-----	-----	-----
History of cancer	No	-----	-----	-----
CAD	No	-----	-----	-----
Hypertension	No	-----	-----	-----
Hyperlipidemia	No	-----	-----	-----
Autoimmune disease	No	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Cholecystectomy 2017 Back Surgery (disc) 2013			
Comments:	Opiate abuse			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/76	
Average Low BP During Hospitalization	63/49	Duration: 5 min
Average BP in OR (mmHg)	110/60	
Average Low BP in OR (mmHg)	90/40	Duration: 1 min
Average HR in OR (bpm)	112	
ABG-pH range	7.08 – 7.28	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	-----	-----
PRBCs	None	-----	-----
Platelets	None	-----	-----
Norepinephrine (Levophed)	-----	10 mcg/min	-----
Vasopressin	-----	2.4 u/hr.	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	-----	-----
PRBCs	None	-----	-----
Platelets	None	-----	-----
Norepinephrine (Levophed)	-----	100 mcg	-----
Vasopressin	-----	3.92 units	-----
Neo-Syneprine (phenylephrine)	-----	960mcg	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

### Initial Autoantibody Screening (nPOD): ELISA

<b>GAD-65</b>	IA-2
<b>Positive</b>	Negative

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	84	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	3.83	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	3	32	Class II	DR	4	-----
	B	51	62		DR51	Negative	
	C	10	15		DR52	Negative	
	Bw4	Positive			DR53	53	
	Bw6	Positive			DQB1	7	8
					DQA1	03	-----
					DPB1	03:01	04:01
Comment:							

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### Confirmatory HLA (UPENN)\*

Class 1	A	03:01	32:01	Class II	DRB1	04:01	04:08
	B	15:01	51:01		DRB3	-----	-----
	C	03:04	15:02		DRB4	01:03	-----
					DRB5	-----	-----
					DQB1	03:01	03:02
					DQA1	03:01	03:03
					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	Negative	Yes	-----
EBV IgM	Negative	Yes	-----
CMV Ab	Negative	Yes	-----
HBcAb	Negative	Yes	-----
HBsAg	Negative	Yes	-----
HCV Ab	Negative	Yes	-----
HIV I/II	Negative	Yes	-----
Syphilis	Negative	Yes	-----
Procleix Ultrio	ND	-----	-----
Ultrio HBV	Negative	Yes	-----
Ultrio HCV	Negative	Yes	-----
Ultrio HIV	Negative	Yes	-----
Toxoplasma Ab	Negative	Yes	-----

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### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	141	143	138
Creatinine (<1.5)	1.97	3.14	3.14
Glucose (mg/dL) (60-150)	72	187	187
HbA1C%	5.3	-----	-----
Total bilirubin (0-1.0)	0.8	0.8	0.6
SGOT (AST) (0-40)	1776	1943	738
SGPT (ALT) (5-35)	1870	1904	1510
Alkaline phosphatase (45-110)	179	179	102
Serum Amylase (23-851)	308	-----	-----
Serum Lipase (0-80)	49	-----	-----
WBC (THO/uL) (4.5-11.0)	27.7	34	22.5
Hgb (g/dL) (12-16)	16.4	17	15.8
Platelets (THO/uL) (150-350)	337	337	214
INR (<2.0)	1.6	1.8	1.6

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	Negative	Positive (50)	Positive (50)	-----

### Medications During Hospitalization

Steroids**	None
Diuretics	None
T3 Protocol	None
T4 Protocol*	Yes
Insulin**	None
Antihypertensive	None
Vasodilators	None
DDAVP**	None
Total parenteral nutrition	None
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