

# HPAP038 Donor Summary



<b>HPAP</b>	038	<b>UNOS</b>		
<b>Recovery OPO</b>	Life Sharing, San Diego	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
<b>Age (years)</b>	13	<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>	169 Hours 13 Mins.	
<b>ABO (Rh)</b>	A+	<b>Cross Clamp Time</b>	04/03/2019 18:50 PST 04/03/2019 21:50 EST	
<b>BMI (Kg/m<sup>2</sup>)</b>	18.34	<b>Cold Ischemia Time*</b>	13 Hours 27 Mins.	
<b>Weight (kg)</b>	50			
<b>Height (cm)</b>	165.1			
<b>Cause of Death</b>	GSW	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
<b>Mechanism of Injury</b>	Self inflicted GSW to the head	<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 checked="" type="checkbox"/>	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	0 Hours 13 Mins.	
<b>CPR / Time</b>	Yes <input type="checkbox"/> No <input checked="" 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>	-----	<b>Blood Culture</b>	No growth	
<b>Date /Time of Admission</b>	3/27/2019 17:37 PST 3/27/2019 20:37 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	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:				
Comments:				

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	128/77	
Average Low BP During Hospitalization	88/45	Duration: 15 minutes
Average BP in OR (mmHg)	100/60	
Average Low BP in OR (mmHg)	90/50	Duration: 1 minute
Average HR in OR (bpm)	110	
ABG-pH range	7.00-7.53	

### INTERVENTION

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

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

### Initial Autoantibody Screening (nPOD): ELISA

GAD-65	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	<b>890</b>	0	0.005	0.003
Cut-off values	<b>20</b>	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	8.29	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	2	2	NA	DR	4	17
	B	8	41		DR51	NA	NA
	C	NA	NA		DR52	NA	NA
	Bw4	NA			DR53	NA	NA
	Bw6	NA			DQB1	2	2
			DQA1		NA	NA	
			DPB1		NA	NA	
Comment:							

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### Confirmatory HLA (UPENN)\*

Class 1	A	02:01	02:02	Class II	DRB1	03:01	04:05
	B	08:01	41:01		DRB3	01:01	-----
	C	07:01	17:01		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	02:01	02:02
					DQA1	03:03	05:01
					DPB1	01:01	104:01
					DPA1	01:03	02:01

\*HLA typing performed using NGS

### Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-----
EBV IgM	Negative	✓	-----
CMV IgG	Positive	✓	-----
HBcAb	Negative	✓	-----
HBsAg	Negative	✓	-----
HCV Ab	Negative	✓	-----
HIV I/II	Negative	✓	-----
Syphilis	Negative	✓	-----
Procleix Ultrio	Negative	✓	-----
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	155	133
Creatinine (<1.5)	0.40	0.68	0.45
Glucose (mg/dL) (60-150)	178	302	208
HbA1C%	5.7	-----	-----
Total bilirubin (0-1.0)	0.9	1.3	1.2
SGOT (AST) (0-40)	45	57	42
SGPT (ALT) (5-35)	32	34	34
Alkaline phosphatase (45-110)	150	207	200
Serum Amylase (23-851)	30	171	94
Serum Lipase (0-80)	27	733	387
WBC (THO/uL) (4.5-11.0)	13.9	29.3	18.1
Hgb (g/dL) (12-16)	7,2	10.5	9.4
Platelets (THO/uL) (150-350)	96	220	220
INR (<2.0)	1.1	1.2	1.1

### Urinalysis

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

### Medications During Hospitalization

Steroids**	1000mg 11 hours before organ recovery		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	Yes -----48.00mcg/hr started 2 days prior to OR		
Insulin**	Yes -----3-835 units/hr titration started 12hrs. prior organ recovery		
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