

# HPAP-107 Donor Summary



<b>HPAP</b>	<b>107</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	TXGC - LifeGift Organ Donation Ctr	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	15	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	White	<b>DBD</b>	YES <input type="checkbox"/> NO <input type="checkbox"/>
<b>Sex</b>	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	<b>Admission to Cross Clamp</b>	<input type="text" value="85"/> Hours <input type="text" value="17"/> Mins.
<b>ABO (Rh)</b>	A Positive (A1)	<b>Cross Clamp Time</b>	10/06/2021 18:10 CST 10/06/2021 19:10 EST
<b>BMI (Kg/m<sup>2</sup>)</b>	23.597	<b>Cold Ischemia Time*</b>	<input type="text" value="19"/> Hours <input type="text" value="33"/> Mins.
<b>Weight (kg)</b>	66.600		
<b>Height (cm)</b>	168.00		
<b>Cause of Death</b>	HEAD TRAUMA	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
<b>Mechanism of Injury</b>	GUNSHOT WOUND	<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 type="checkbox"/> No <input checked="" type="checkbox"/>	<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 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>	None	<b>Blood Culture</b>	NA
<b>Date /Time of Admission</b>	10/03/2021 04:53 CST 10/03/2021 05:53 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Partial left upper lobe atelectasis /pneumonia

\*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:	None			
Comments:	Medical Hx: Stepped on nail within past 12 months. Cleaned at home with peroxide. No issues with healing Social Hx: smoked marijuana and vaped for unknown duration of time, the last time was 3-4 months ago.			

## Hemodynamic Profile

Average BP During Hospitalization (mmHg)	117/63	
Average Low BP During Hospitalization	109/67	Duration: 1-15 min.
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	6.99 – 7.5	

## INTERVENTION

### Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	Cryo, FFP, Alb x3
PRBCs	-----	-----	1 - 5 PRBC and whole
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.08MCG/KG/MIN started 84:10 hrs before organ recovery for the duration of 59:00 hrs .	
Vasopressin	-----	0.54 Units/HR started 72:35 hrs before organ recovery for the duration of 72:35 hrs.	
Neo-Syneprine	-----	-----	-----
Epinephrine		0.3 MCG/KG/MIN started 84:59 hrs before organ recovery for the duration of 32:49 hrs .	
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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## Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	NA	NA	NA
PRBCs	NA	NA	NA
Platelets	NA	NA	NA
Norepinephrine (Levophed)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Syneprine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

## 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	<b>848</b>	<b>21</b>	0.004	<b>0.071</b>
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	5.49	ND

\*Sample obtained at time of organ recovery.

## HLA (OPO)\*

Class 1	A	3	32	Class II	DR	4	17
	B	27	55		DR51	N-Negative	N-Negative
	C	02	09		DR52	52	-----
	Bw4	Positive			DR53	53	-----
	Bw6	Positive			DQB1	2	8
					DQA1	03	05
				DPB1	01:01	02:01	
Comment:							

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## Confirmatory HLA (UPENN)\*

Class 1	A	03:01	32:01	Class II	DRB1	03:01	04:01
	B	27:02	55:01		DRB3	01:01	-----
	C	02:02	03:03		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	02:01	03:02
					DQA1	03:01	05:01
					DPB1	01:01	02:01
					DPA1	01:03	02:01

\*HLA typing performed using NGS

## Infectious Disease Serology

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

\* **Positive** : Outlying facility in Oklahoma



## HPAP-107 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	140	159	152
Creatinine (<1.5)	1.27	1.27	0.76
Glucose (mg/dL) (60-150)	109	271	119
HbA1C%	5.3	-----	-----
Total bilirubin (0-1.0)	0.7	2.1	0.8
SGOT (AST) (0-40)	34	34	21
SGPT (ALT) (5-35)	9	13	13
Alkaline phosphatase (45-110)	136	137	107
Serum Amylase (23-851)	29	68	68
Serum Lipase (0-80)	6	50	50
WBC (THO/uL) (4.5-11.0)	10.78	19.84	7.07
Hgb (g/dL) (12-16)	9.1	9.1	8.9
Platelets (THO/uL) (150-350)	258	258	101
INR (<2.0)	1.7	1.7	1

### Urinalysis

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

### Medications During Hospitalization

Steroids**	Solucortef		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Zosyn, Vancomycin	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