

## HPAP-114 Donor Summary



<b>HPAP</b>	<b>114</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	GALL - Lifelink of Georgia	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	21	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Race</b>	White	<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>	92 Hours 48 Mins.
<b>ABO (Rh)</b>	O Positive	<b>Cross Clamp Time</b>	01/18/2022 16:57
<b>BMI (Kg/m<sup>2</sup>)</b>	25.664	<b>Cold Ischemia Time*</b>	18 Hours 19 Mins.
<b>Weight (kg)</b>	65.7000		
<b>Height (cm)</b>	160.00		
<b>Cause of Death</b>	HEAD TRAUMA	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/> Flush Solution: UW & HTK
<b>Mechanism of Injury</b>	BLUNT INJURY	<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="checkbox"/> Hours <input type="checkbox"/> 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>	No Downtime	<b>Blood Culture</b>	Pending
<b>Date /Time of Admission</b>	01/14/2022 20:09 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	mild bilateral perihilar opacification could reflect atelectasis versus aspiration/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:				
Comments:	Medical Hx: pelvic inflammatory disease July 2021, treated with Doxycycline, Recently on doxycycline 1/12/2022 for vaginal discharge. Smoking and drug Hx: Vaped 2-3 times a day xl year, Smoked marijuana 2 joints daily, last used prior to admission.			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	124/78	
Average Low BP During Hospitalization	104/68	Duration: 4-15 Min.
Average BP in OR (mmHg)	100/55	
Average Low BP in OR (mmHg)	64/43	Duration: ----
Average HR in OR (bpm)	85	
ABG-pH range	7.06 – 7.54	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	205- 348	14	3945
PRBCs	350	13	4550
Platelets & Cryos	105 - 274	5	829
Norepinephrine (Levophed)	-----	5 mcg/min started 64:065hrs.before organ recovery for the duration of 7:33hrs.	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	0.2 MCG/KG/MIN started 9:18 before organ recovery for the duration of 6:14hrs.	
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



## HPAP-114 Donor Summary

### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	700 mcg single dose , 0.1 mcg/kg/min for the duration of 2:31 hrs.	
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

### Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
<b>GADA+</b>	NA

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	<b>531</b>	0	-0.003	-0.001
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	11.45	NA

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	1	2	Class II	DR	15	17
	B	8	44		DR51	5*01	N-Negative
	C	05	07		DR52	3*01	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	2	6
			DQA1		01	05	
			DPB1		04:01	04:02	
Comment:							

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### Confirmatory HLA (UPENN)\*

Class 1	A	01:01	02:01	Class II	DRB1	03:01	15:01
	B	08:01	44:02		DRB3	01:01	-----
	C	05:01	07:01		DRB4	-----	-----
					DRB5	-----	01:01
					DQB1	02:01	06:02
					DQA1	01:02	05:01
					DPB1	04:01	04:02
					DPA1	01:03	-----

\*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	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



## HPAP-114 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	157	136
Creatinine (<1.5)	1.16	1.16	0.48
Glucose (mg/dL) (60-150)	253	253	199
HbA1C%	5.3	-----	-----
Total bilirubin (0-1.0)	0.5	1.7	1.2
SGOT (AST) (0-40)	252	252	23
SGPT (ALT) (5-35)	143	143	20
Alkaline phosphatase (45-110)	49	70	58
Serum Amylase (23-851)	121	-----	-----
Serum Lipase (0-80)	7	-----	-----
WBC (THO/uL) (4.5-11.0)	20.2	20.2	12.4
Hgb (g/dL) (12-16)	12.3	16	10
Platelets (THO/uL) (150-350)	197	197	37
INR (<2.0)	1.52	1.52	1.18

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>
Glucose	Negative	Negative	<b>Positive:</b> 2+	Negative	Negative

### Medications During Hospitalization

Steroids**	Solumedrol 50 mg/---/hr q4hr started 46:05hrs. before organ recovery		
Diuretics	Lasix 20mg [Single Dose]		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	20 units [Single Dose]		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	Yes 1 mcg Q12		
Total parenteral nutrition	-----		
Other	Flagyl 500 mg, Mg 2 mg, Vancomycin 1000mg, Levothyroxine 10-40 mcg/hr, KPhos, KCL, Zosyn 3.375gm, KCL, Labetalol 5 bg Q4 PRN, Dilaudid 0.5 mg, Protonix 40 mg BID, Ancef 2 gm Q8	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