



## HPAP-149 Donor Summary

<b>HPAP</b>	<b>149</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	CAGS - Sierra Donor Services	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	11	<b>DCD</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<b>Race</b>	White: Not Specified	<b>DBD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Sex</b>	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	<b>Admission to Cross Clamp</b>	<input type="text" value="95"/> Hours <input type="text" value="26"/> Mins.
<b>ABO (Rh)</b>	O	<b>Cross Clamp Time</b>	04/17/2023 22:11 PST
<b>BMI (Kg/m<sup>2</sup>)</b>	20.000	<b>Cold Ischemia Time*</b>	<input type="text" value="21"/> Hours <input type="text" value="03"/> Mins.
<b>Weight (kg)</b>	45		<b>WIT</b> 19 minute
<b>Height (cm)</b>	150.00		
<b>Cause of Death</b>	ANOXIA	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input type="checkbox"/> CSS
<b>Mechanism of Injury</b>	DEATH FROM NATURAL CAUSES	<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>	<input type="text"/> Hours <input type="text"/> Mins.  N/A
<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 – N/A
<b>Date /Time of Admission</b>	04/13/2023 22:45 PST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	Small right pleural effusion. Bilateral infiltrates and consolidations, more on the right, indicating 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	T1D	2.5 years	Basaglar Insulin 26 units, aspart IC 1 :12	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Fathers side of family	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: DM I Medication Hx: children melatonin, multi-vitamin Smoking Hx: None ETOH:None Drug Hx: None			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	117/72	
Average Low BP During Hospitalization	100/55	Duration: 30 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	6.85 – 7.46	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.25 MCG/KG/MIN started 97:11 hrs. before organ recovery for the duration of 40:00hrs.	
Vasopressin	-----	Ongoing 0.08 UNITS/HR started 94:11 hrs. before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	Ongoing 0.25 MCG/KG/MIN started 96:50 hrs. before organ recovery	
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



## HPAP-149 Donor Summary

### Blood Products/Meds Transfused Intraoperative

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

### Initial Autoantibody Screening (nPOD): ELISA

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

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	6	<b>21</b>	<b>0.294</b>	-0.002
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.08	NA

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	2	No second antigen detected	Class II	DR	1	4
	B	27	62		DR51	N-Negative	N-Negative
	C	02	09		DR52	N-Negative	N-Negative
	Bw4	Positive			DR53	53	-----
	Bw6	Positive			DQB1	5	8
					DQA1	01	03
DPB1				02:01	04:01		
DPA1				01	No second antigen detected		
Comment:							

## HPAP-149 Donor Summary



### Confirmatory HLA (UPENN)\*

Class 1	A	02:01	-----	Class II	DRB1	01:01	04:01
	B	15:01	27:05		DRB3	-----	-----
	C	02:02	03:03		DRB4	01:03	-----
					DRB5	-----	-----
					DQB1	03:02	05:01
					DQA1	01:01	03:01
					DPB1	02:01	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	✓	-
EBV IgM	Negative	✓	-
CMV IgG (EIA)	Negative	✓	-
CMV IgM (EIA)	Negative	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	NA	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
WNV	Non-Reactive	✓	-
WNV IgM	Negative	✓	-
SARS-CoV-2	Not Detected	✓	-



## HPAP-149 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	151	155	136
Creatinine (<1.5)	0.68	1.11	0.51
Glucose (mg/dL) (60-150)	588	588	250
HbA1C%	7.8	9.3 (04/17/2023 )	-----
Total bilirubin (0-1.0)	0.2	0.5	0.5
SGOT (AST) (0-40)	26	187	162
SGPT (ALT) (5-35)	16	35	35
Alkaline phosphatase (45-110)	307	329	317
Serum Amylase (23-851)	108	215	215
Serum Lipase (0-80)	8	8	5
WBC (THO/uL) (4.5-11.0)	10.2	10.2	3.7
Hgb (g/dL) (12-16)	6.2	10.3	10.2
Platelets (THO/uL) (150-350)	27	145	98
INR (<2.0)	1.01	1.07	

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup> & 3 <sup>rd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>
Glucose	Positive: 500	Positive: 150	Positive: 150	Positive: >500	Positive: 50	N/A	Positive: 500

### Medications During Hospitalization

Steroids**	Yes, Hydrocortisone 45mg q6h		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	Yes,. started 96:11 hrs. before Forgan recovery.		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine vasopressin, Heparin through Lines at 4u/hr, Rocephin 2gm q12h	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