

## HPAP-099 Donor Summary



HPAP	099	UNOS	
Recovery OPO	PADV- Gift of Life Donor Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	28	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Hispanic	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	163 Hours 32 Mins.
ABO (Rh)	AB	Cross Clamp Time	06/24/2021 07:00 EDT
BMI (Kg/m <sup>2</sup> )	24.7	Cold Ischemia Time*	06 Hours 09 Mins.
Weight (kg)	72.6		
Height (cm)	171.45		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Storage/ Viaspan/SPS-1
Mechanism of Injury	Intracranial Hemorrhage /Stroke	Organs Recovered	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"/>
Cardiac Arrest/Downtime	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 05 Mins.
CPR / Time	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Organs Discarded	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	No Downtime	Blood Culture	No Growth
Date /Time of Admission	06/17/2021 11:28 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Normal/Low lung volume

\*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	Yes	5 years	Unknown	yes
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Had brain surgery with stent placed for an aneurysm. Had a coiling and drainage tube placed 5 years ago.			
Comments:				

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	127/68	
Average Low BP During Hospitalization	88/51	Duration: 12-60 min.
Average BP in OR (mmHg)	100/50	
Average Low BP in OR (mmHg)	74/38	Duration: 1 min.
Average HR in OR (bpm)	78	
ABG-pH range	7.22 – 7.45	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	300-350	5	1650
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	4-30 mcg/kg/min started 6 days before organ recovery for the duration of 26:30 hrs.	
Vasopressin	-----	0.02- 0.04 units/min started 6 days before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	25-300 mcg/min started 6 days before organ recovery	
Dopamine	-----	-----	-----



## HPAP-099 Donor Summary

### Bloo\_d Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	700	ml	700
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	0.03 u/m	-----
Neo-Syneprine (phenylephrine)	-----	150 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	22,000	-----

### Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
ND	ND

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	-0.008	0.000
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	6.62	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	3	30	Class II	DR	1	11
	B	45	49		DR51	N-Negative	N-Negative
	C	07	16		DR52	52	52
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	5
			DQA1		01	05	
			DPB1		04:01	18:01	
Comment:							

## HPAP-099 Donor Summary



### Confirmatory HLA (UPENN)\*

Class 1	A	03:01	30:02	Class II	DRB1	01:02	11:02
	B	45:01	49:01		DRB3	02:02	---
	C	07:02	16:01		DRB4	---	---
					DRB5	---	---
					DQB1	03:19	05:01
					DQA1	01:01	05:05
					DPB1	04:01	18:01
					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	<b>Positive</b>	✓	-
SARS-CoV-2	Negative	✓	-



## HPAP-099 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	135	177	158
Creatinine (<1.5)	0.75	1.2	1.2
Glucose (mg/dL) (60-150)	108	323	282
HbA1C%	5	----	-----
Total bilirubin (0-1.0)	0.2	1.6	1.2
SGOT (AST) (0-40)	25	65	57
SGPT (ALT) (5-35)	13	26	23
Alkaline phosphatase (45-110)	23	298	297
Serum Amylase (23-851)	278	317	252
Serum Lipase (0-80)	523	870	383
WBC (THO/uL) (4.5-11.0)	10.2	21.3	11.4
Hgb (g/dL) (12-16)	13.1	13.1	7.8
Platelets (THO/uL) (150-350)	218	218	101
INR (<2.0)	1	1.6	1.6

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	<b>Positive:</b> 100	<b>Positive:</b> 500	<b>Positive:</b> 500	<b>Positive:</b> 100
	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	
	<b>Positive:</b> 500	Negative	Negative	

### Medications During Hospitalization

Steroids**	-----
Diuretics	Lasix 100mgs, Manitol 50 gms
T3 Protocol	-----
T4 Protocol*	40 mcg/hr
Insulin**	-----
Antihypertensive	-----
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	-----
Other	Nicardipine 2.5-7.5 mg/hr, propofol 30-110 mcg/kg/min, Keppra 1000-3000 mg, phenobarbital 1500 mg, Cefazolin 1000mg,
	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