

## HPAP-079 Donor Summary



HPAP	079	UNOS	
Recovery OPO	TXSA- Texas Organ Sharing Alliance	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	52	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Hispanic/Latino	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="177"/> Hours <input type="text" value="37"/> Mins.
ABO (Rh)	A1+	Cross Clamp Time	01/10/2021 22:50
BMI (Kg/m <sup>2</sup> )	28.387	Cold Ischemia Time*	<input type="text" value="20"/> Hours <input type="text" value="18"/> Mins.
Weight (kg)	68.2		
Height (cm)	155		
Cause of Death	Cerebrovascular/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	Intracranial Hemorrhage /Stroke	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input 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:	<input type="text" value="0"/> Hours <input type="text" value="0"/> Mins. <b>Liver not recovered</b>
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	01/03/2021 13:13	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Patchy bilateral lung opacities consistent with pneumonia, small bilateral pleural effusions

\*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	T2DM	10 years	Metformin(mg unknown)	-----
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:	-----			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	127/61	
Average Low BP During Hospitalization	89/47	Duration: 1-60 min
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration:
Average HR in OR (bpm)	NA	
ABG-pH range	7.11 – 7.48	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	1-5 PRBC and whole	-----
Platelets	-----	X2	-----
Norepinephrine (Levophed)	-----	3 – 47(Avg. 18.5) mcg/min started 7 days before organ recovery for the duration of 152:09 hrs	
Vasopressin	-----	1.2- 2.4 units/hr started 3 days before organ recovery for the duration of 46:43hrs	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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### Blood Products/Meds Transfused Intraoperative

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

### Initial Autoantibody Screening (nPOD): ELISA

Not Performed for T2DM Program

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	0.001	0.002
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.02	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	11	24	Class II	DR	4	8
	B	35	61		DR51	N-Negative	----
	C	10	04		DR52	N-Negative	----
	Bw4	Negative			DR53	53	----
	Bw6	Positive			DQB1	8	4
			DQA1		03:01	04:01	
			DPB1		04:02	09:01	
Comment:							

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### Confirmatory HLA (UPENN)\*

Class 1	A	11:01	24:02	Class II	DRB1	08:02	04:02
	B	35:08	40:02		DRB3	----	----
	C	03:04	04:01		DRB4	----	01:03
					DRB5	----	----
					DQB1	03:02	04:02
					DQA1	03:01	04:01
					DPB1	04:02	09:01
					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	Negative	✓	----
HBsAg	Negative	✓	----
HCV Ab	Negative	✓	----
HIV I/II	Negative	✓	----
Syphilis	Negative	✓	----
Procleix Ultrio	----	----	----
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-079 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	136	179	155
Creatinine (<1.5)	0.9	3.79	3.54
Glucose (mg/dL) (60-150)	300	426	128
HbA1C%	6.8	-----	-----
Total bilirubin (0-1.0)	1.2	1.8	0.7
SGOT (AST) (0-40)	136	231	164
SGPT (ALT) (5-35)	171	106	92
Alkaline phosphatase (45-110)	149	555	490
Serum Amylase (23-851)	58	58	27
Serum Lipase (0-80)	92	101	64
WBC (THO/uL) (4.5-11.0)	15.2	15.2	7.5
Hgb (g/dL) (12-16)	8.9	10.4	10.4
Platelets (THO/uL) (150-350)	39	113	78
INR (<2.0)	0.99	1.11	1.02

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>
Glucose	Positive: 50mg/dl	Positive: 50mg/dl	Negative	Positive: 30mg/dl	Negative

5th

### Medications During Hospitalization

Steroids**	Yes Solumedrol		
Diuretics	Yes Lasix		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	Yes		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Cefepime , Amiodarone, Bicarb, KCL	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