



## HPAP -171- Donor Summary

HPAP	171	UNOS	
Recovery OPO	TXSA - Texas Organ Sharing Alliance	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	50	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	White: Origin not reported	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	51 Hours 25 Mins.
ABO (Rh)	O Positive	Cross Clamp Time	02/15/2024 01:56 CST
BMI (Kg/m <sup>2</sup> )	36.159	Cold Ischemia Time*	17 Hours 33 Mins.
Weight (kg)	104.5000		
Height (cm)	170.00		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
Mechanism of Injury	ICH/Stroke	Organs Recovered	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"/>
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"/> Hours <input type="text"/> Mins. NA
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	Pending
Date /Time of Admission	02/12/2024 22:31 CST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Low lung volumes, bronchovascular crowding noted, without consolidation, effusion, or pneumothorax.

\*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	about 10 years	Losartan 40 mg	Yes
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
<b>Surgical History:</b>	lazy eye webbing of the retina, two hernia repairs at infancy and in 1995,			
<b>Comments:</b>	<p>Medical Hx: patient had cough since January 24, varicose veins behind his ankles, father has history of high blood pressure and passed away from a stroke</p> <p>Social Hx: few beer two to three times a week and some on the weekends since he was 20.</p>			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	121/71	
Average Low BP During Hospitalization	126/73	Duration: 15-60 min.
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration:
Average HR in OR (bpm)	NA	
ABG-pH range	7.18 – 7.4	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.03 – 0.15 mcg/kg/min started 23:27 hrs before organ recovery for the duration of 14:25hrs.	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
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-Synephrine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

### Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D 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	-0.003
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.25	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	2	33	Class II	DR	7	13
	B	13	35		DR51	Negative	-
	C	04	06		DR52	52	-
	Bw4	Positive			DR53	53	-
	Bw6	Positive			DQB1	2	6
			DQA1		01:02	02:01	
			DPB1		02:01	-	
DPA1			01:03	01:03			
Comment:							

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### Confirmatory HLA (UPENN)\*

Not performed for HPAP-T2D program

Class 1	A			Class II	DRB1		
	B				DRB3		
	C				DRB4		
					DRB5		
					DQB1		
					DQA1		
					DPB1		
					DPA1		

\*HLA typing performed using NGS

### Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Negative	✓	-
EBV IgM	Negative	✓	-
CMV	Negative	✓	-
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	✓	-



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### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	158	158	155
Creatinine (<1.5)	1	1.2	1.1
Glucose (mg/dL) (60-150)	130	263	119
HbA1C%	5.3	-----	-----
Total bilirubin (0-1.0)	0.3	0.6	0.6
SGOT (AST) (0-40)	20	23	16
SGPT (ALT) (5-35)	19	22	17
Alkaline phosphatase (45-110)	100	100	72
Serum Amylase (23-851)	43 (2/14/24)	NA	NA
Serum Lipase (0-80)	27 (2/13/24)	16	15
WBC (THO/uL) (4.5-11.0)	20.22	32.61	16.66
Hgb (g/dL) (12-16)	14.8	14.8	12.3
Platelets (THO/uL) (150-350)	357	406	285
INR (<2.0)	2.34	2.34	1.2

### Urinalysis

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

### Medications During Hospitalization

Steroids**	NO		
Diuretics	NO		
T3 Protocol	NO		
T4 Protocol*	NO		
Insulin**	NO		
Antihypertensive	Yes. Cardene 0.033 – 0.25 mg/min started 36:11 before organ recovery for the duration of 4:53 Hrs.		
Vasodilators	Yes started 37:56Hrs before organ recovery for the duration of 9:00 hrs.		
DDAVP**	NO		
Total parenteral nutrition	NO		
Other	Heparin	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