

# HPAP-153 Donor Summary



<b>HPAP</b>	<b>153</b>	<b>UNOS</b>	
<b>Recovery OPO</b>	TXSA - Texas Organ Sharing Alliance	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
<b>Age (years)</b>	54	<b>DCD</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<b>Race</b>	Hispanic/Latino	<b>DBD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>Sex</b>	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	<b>Admission to Cross Clamp</b>	<input type="text" value="50"/> Hours <input type="text" value="42"/> Mins.
<b>ABO (Rh)</b>	O positive	<b>Cross Clamp Time</b>	05/20/2023 19:09 CDT
<b>BMI (Kg/m<sup>2</sup>)</b>	38.584	<b>Cold Ischemia Time*</b>	<input type="text" value="20"/> Hours <input type="text" value="04"/> Mins. WIT:23 mins
<b>Weight (kg)</b>	108.9000		
<b>Height (cm)</b>	168.00		
<b>Cause of Death</b>	CEREBROVASCULAR/STROKE	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
<b>Mechanism of Injury</b>	INTRACRANIAL HEMORRHAGE/STROKE	<b>Organs Recovered</b>	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"/>
<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. 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>	05/20/23:Pre - LESS THAN 10,000 CFU/ML, FEW CONTAMINANTS. Consider colonization and/or Contamination
<b>Date /Time of Admission</b>	05/18/2023 16:27 CDT	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		<b>Acute Lung Injury</b>	None

\*Cold Ischemia time is calculated from time of cross clamp to start of enzyme perfusion for islet isolation.



## HPAP-153 Donor Summary

### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2D	0-5 YEARS	NA	NA
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	Yes	Unknown	NA	NA
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Both sides of the family	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Per hospital EMR, pt noted to have Esophagogastrosctoscopy Tube Insertion Percutaneous (07/15/2017) Tracheostomy Tube Insertion (07/15/2017) Skull Craniotomy(07/05/2017) Brain Ventriculostomy (07/01/2017), hysterectomy			
Comments:	PMH: Per hospital EMR, pt has allergy to lmitrex. History of arteriovenous fistula, Borden type IIs/p transarterial embolization in 2017 Social Hx: Pt would smoke about 2 cigarettes every other day since 2 months ago Drinking Hx: two cups of wine once a month started 5 years ago			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	136/59	
Average Low BP During Hospitalization	110/57	Duration: 5-15 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	7.39 - 7.5	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	4 mcg/min started 4:09 hrs before organ recovery.	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Synephrine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	-----	40,000	-----

### 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	-0.003	-0.004
Cut-off values	20	5	0.010	0.020

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	2.19	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	29	32	Class II	DR	11	13
	B	7	35		DR51	N-Negative	-----
	C	15	15		DR52	-----	-----
	Bw4	Negative			DR53	N-Negative	-----
	Bw6	Positive			DQB1	7	6
			DQA1		01	05	
			DPB1		04:01	03:01	
DPA1			01	01			
Comment:							

## HPAP-153 Donor Summary



### 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	Positive	✓	-
EBV IgM	Negative	✓	-
CMV	Positive	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	NA	-	-
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)	148	155	155
Creatinine (<1.5)	0.79	0.79	0.78
Glucose (mg/dL) (60-150)	211	211	159
HbA1C%	6.3	-----	-----
Total bilirubin (0-1.0)	0.5	0.8	0.7
SGOT (AST) (0-40)	31	31	20
SGPT (ALT) (5-35)	19	19	15
Alkaline phosphatase (45-110)	89	89	73
Serum Amylase (23-851)	24	28	13
Serum Lipase (0-80)	17	17	13
WBC (THO/uL) (4.5-11.0)	13.4	16.3	13.1
Hgb (g/dL) (12-16)	13.4	13.4	10.3
Platelets (THO/uL) (150-350)	261	261	198
INR (<2.0)	1.03	1.17	-----

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup> & 5 <sup>th</sup>
Glucose	Positive: 150	Positive: 20	Positive: 100	Negative

### Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	10 units started 26:29 hrs. before organ recovery for the duration of 19:34 hrs.
Antihypertensive	Cardene 0.08- 0.33 mg/min started 36:09 hrs before organ recovery for the duration of 31:50 hrs.
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	N
Other	Heparin, Cefepime, Vanco, Keppra, Ativan, KCL

\*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