

## HPAP-115 Donor Summary



<b>HPAP</b>	<b>115</b>	<b>UNOS</b>		
<b>Recovery OPO</b>	TNMS - Mid-South Transplant Foundation	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
<b>Age (years)</b>	46	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<b>Race</b>	White	<b>DBD</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<b>Sex</b>	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	<b>Admission to Cross Clamp</b>	87 Hours 09 Mins.	
<b>ABO (Rh)</b>	A1 Positive	<b>Cross Clamp Time</b>	01/26/2022 09:34 CST	
<b>BMI (Kg/m<sup>2</sup>)</b>	28.721	<b>Cold Ischemia Time*</b>	21 Hours 58 Mins.	
<b>Weight (kg)</b>	91.000			
<b>Height (cm)</b>	178.00			
<b>Cause of Death</b>	HEAD TRAUMA	<b>Preservation Solution</b>	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA	
<b>Mechanism of Injury</b>	GUNSHOT WOUND	<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="checkbox"/> Hours <input type="checkbox"/> 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>	No Growth	
<b>Date /Time of Admission</b>	01/22/2022 18:25 CST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		<b>Acute Lung Injury</b>	bibasilar atelectasis with scattered consolidation	

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



## HPAP-115 Donor Summary

### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2D	5-6 years	oral meds, Metformin, Glimepiride, Trulicity	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> mom, dad	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	appendix 25 yrs ago, back 20 yrs ago, leg broken-put pins in approx 40 yrs ago			
Comments:	<p>Medical Hx: Multiple Sclerosis since 5 yrs ago, positive for tuberculosis just a short time, next time was negative 20 yrs ago</p> <p>Smoking Hx: 1 ppw cigarettes x30 years, quit 8 yrs ago started dipping tobacco</p> <p>Alcohol Hx: beer, whiskey, wine 1 or 2 occasional x 30 years</p> <p>Drug Hx: methamphetamines, crack, acid occasionally for 10 yrs marijuana frequently for 20 yrs</p> <p>Extra Medication taken at home: Hydrocodone, Clonopin</p>			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	135/88	
Average Low BP During Hospitalization	98/66	Duration: 1-60 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	7.26 – 7.47	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	28 MCG/MIN started 77:34 hrs. before organ recovery for the duration of 33:00 hrs.	
Vasopressin	-----	ongoing 1 UNITS/HR started 77:04 hrs. before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



## HPAP-115 Donor Summary

### 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	20 unit/ml	16667	833.35
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	79	0	0.000	-0.002
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.79	NA

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	3	24	Class II	DR	4	7
	B	62	35		DR51	N-Negative	N-Negative
	C	09	04		DR52	N-Negative	N-Negative
	Bw4	Negative			DR53	53	53
	Bw6	Positive			DQB1	2	8
			DQA1		02	03	
			DPB1		02:01	06:01	
Comment:							

## HPAP-115 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	✓	-
EBNA IgG	Positive	✓	-
CMV	Positive	✓	-
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	✓	-



## HPAP-115 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	156	138
Creatinine (<1.5)	1	1.3	0.7
Glucose (mg/dL) (60-150)	238	459	137
HbA1C%	7.6	-----	-----
Total bilirubin (0-1.0)	0.8	1.1	0.8
SGOT (AST) (0-40)	13	16	12
SGPT (ALT) (5-35)	13	13	8
Alkaline phosphatase (45-110)	41	44	38
Serum Amylase (23-851)	407	ND	ND
Serum Lipase (0-80)	ND	ND	ND
WBC (THO/uL) (4.5-11.0)	18.9	23.5	8.6
Hgb (g/dL) (12-16)	12.8	16.7	8.3
Platelets (THO/uL) (150-350)	273	330	104
INR (<2.0)	1.1	1.36	0.98

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>
Glucose	positive	positive:+1	positive	positive	positive:+500	positive	positive

### Medications During Hospitalization

Steroids**	SoluCortef		
Diuretics	Bumex		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	Yes started 74:04 hrs. before organ recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine vasopressin, Hetastarch, Duoneb, Zosyn, Mag. Sulfate, K+ Chloride, K Phos, Propofol, Rocuronium	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