



## HPAP-070 Donor Summary

<b>HPAP</b>	070	<b>UNOS</b>		
<b>Recovery OPO</b>	GLDP	<b>Allocation Via</b>	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
<b>Age (years)</b>	55	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<b>Race</b>	African American	<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>	113 Hours 54 Mins.	
<b>ABO (Rh)</b>	B+	<b>Cross Clamp Time</b>	09/28/2020 08:54	
<b>BMI (Kg/m<sup>2</sup>)</b>	17.09	<b>Cold Ischemia Time*</b>	5 Hours 44 Mins.	
<b>Weight (kg)</b>	49.5			
<b>Height (cm)</b>	170.18			
<b>Cause of Death</b>	CVA/Stroke	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
<b>Mechanism of Injury</b>	Intracranial Hemorrhage/Stroke	<b>Organs Recovered</b>	Heart <input 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"/>	
<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>	1 Hours 16 Mins.	
<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>	9/23/2020 15:00	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		<b>Acute Lung Injury</b>	atelectasis	

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



## HPAP-070 Donor Summary

### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2D	Since 2005	Metformin	No
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	yes	Since 2005	BP meds name unknown	No
Hyperlipidemia	yes	Since 2005	----	----
Autoimmune disease	----	----	----	----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Spine, 2 rods and 8 screws in neck and back			
Comments:	Grandmother and father had diabetes Smoked 1ppd cigarette for 20 years			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	136/77	
Average Low BP During Hospitalization	107/62	Duration: 10-60 min
Average BP in OR (mmHg)	115/70	
Average Low BP in OR (mmHg)	80/55	Duration: 1 min
Average HR in OR (bpm)	75	
ABG-pH range	7.21 – 7.57	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	8 mcg /min Started 2days before organ recovery	
Vasopressin	----	0.04 units/min during Echocardiogram	
Neo-Syneprine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	----	----
Dopamine	----	----	----

## HPAP-070 Donor Summary



### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	----	----
Vasopressin	----	----	----
Neo-Syneprine (phenylephrine)	----	----	----
Epinephrine	----	----	----
Dopamine	----	----	----
Heparin	----	15,000	----

### Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2
----	----

### 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	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.57	ND

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	30	30	Class II	DR	4	15
	B	27	53		DR51	51	N-Negative
	C	10	16		DR52	N-Negative	N-Negative
	Bw4	Positive			DR53	53	N-Negative
	Bw6	Negative			DQB1	5	6
					DQA1	01	01
					DPB1	01:01	17:01
Comment:							

## HPAP-070 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	Non- Reactive	✓	-
HBsAg	Non- Reactive	✓	-
HCV Ab	Non- Reactive	✓	-
HIV I/II	Non- Reactive	✓	-
Syphilis	Non- Reactive	✓	-
Procleix Ultrio	-	-	-
Ultrio HBV	Non- Reactive	✓	-
Ultrio HCV	Non- Reactive	✓	-
Ultrio HIV	Non- Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



## HPAP-070 Donor Summary

### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	156	174	154
Creatinine (<1.5)	0.9	1.93	1.88
Glucose (mg/dL) (60-150)	161	409	214
HbA1C%	7.0	-	-
Total bilirubin (0-1.0)	0.7	0.7	0.4
SGOT (AST) (0-40)	10	11	10
SGPT (ALT) (5-35)	3	5	4
Alkaline phosphatase (45-110)	71	82	80
Serum Amylase (23-851)	62	92	92
Serum Lipase (0-80)	3	9	4
WBC (THO/uL) (4.5-11.0)	15.4	23.3	23.3
Hgb (g/dL) (12-16)	13.5	13.5	8.9
Platelets (THO/uL) (150-350)	294	298	178
INR (<2.0)	1	1.3	1.3

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	50	>1000	-	-

### Medications During Hospitalization

Steroids**	----
Diuretics	----
T3 Protocol	----
T4 Protocol*	----
Insulin**	5 units Insulin(Novolin N) started 3 days before organ recovery
Antihypertensive	1 dose of 5 mg Amlodipine started 4 days before organ recovery
Vasodilators	6 dose of 10mg Hydralazine started 4 days before organ recovery
DDAVP**	----
Total parenteral nutrition	----
Other	Keppra, Nicardipine, Heparin Sodium   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