



## HPAP-054 Donor Summary

<b>HPAP</b>	054	<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>	40	<b>DCD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<b>Race</b>	Caucasian	<b>DBD</b>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<b>Sex</b>	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	<b>Admission to Cross Clamp</b>	<input type="text" value="35"/> Hours <input type="text" value="25"/> Mins.	
<b>ABO (Rh)</b>	O+	<b>Cross Clamp Time</b>	1/28/2020 12:19 EST	
<b>BMI (Kg/m<sup>2</sup>)</b>	30.85	<b>Cold Ischemia Time*</b>	<input type="text" value="07"/> Hours <input type="text" value="50"/> Mins.	
<b>Weight (kg)</b>	76.5			
<b>Height (cm)</b>	157.48			
<b>Cause of Death</b>	Head Trauma	<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"/> Lung <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/>	Kidney <input checked="" type="checkbox"/> Pancreas <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>	<input type="text" value="0"/> Hours <input type="text" value="30"/> Mins.	
<b>CPR / Time</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>Organs Discarded</b>	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
<b>Total Est. Downtime</b>	0	<b>Blood Culture</b>	No Growth	
<b>Date /Time of Admission</b>	1/27/2020 00:54 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		<b>Acute Lung Injury</b>	No ARDS	

\*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	None	-----	-----	-----
History of cancer	None	-----	-----	-----
CAD	Unknown	-----	-----	-----
Hypertension	Yes	5 years	Losartan	yes
Hyperlipidemia	Unknown	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
qeSurgical History:	Uterine Ablation 10 years ago			
Comments:	Taking depression medication for 5 years, Family history of diabetes in father's side			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	117/66	
Average Low BP During Hospitalization	N/A	Duration: N/A
Average BP in OR (mmHg)	118/65	
Average Low BP in OR (mmHg)	96/51	Duration: 5 min
Average HR in OR (bpm)	95	
ABG-pH range	7.048 -7 .383	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	----	----
Vasopressin	1 day before organ recovery		0.04 mcg/kg/min
Neo-Syneprine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	----	----
Dopamine	----	----	----

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### Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	700	-----	700
Platelets	----	----	----
Norepinephrine (Levophed)	----	----	----
Vasopressin	----	----	----
Neo-Syneprine (phenylephrine)	----	40 mcg/hr	----
Epinephrine	----	----	----
Dopamine	----	----	----
Heparin		30,000	

### Initial Autoantibody Screening (nPOD): Not performed for T2DM Program

GAD-65	IA-2
N/A	N/A

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	1	0	0.001	0.007
Cut-off values	20	5	0.01	0.02

\*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	6.38	N/A

\*Sample obtained at time of organ recovery.

### HLA (OPO)\*

Class 1	A	11	29	Class II	DR	11	13
	B	38	44		DR51	Negative	Negative
	C	05	12		DR52	52	52
	Bw4	Positive			DR53	Negative	Negative
	Bw6	Negative			DQB1	7	6
			DQA1		01	05	
			DPB1		02:01	04:01	
Comment:							

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### Confirmatory HLA (UPENN)\* Not performed for T2D program

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

\*HLA typing performed using NGS

### Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV	Negative	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	N/A	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-

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### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	157	151
Creatinine (<1.5)	0.7	0.7	0.7
Glucose (mg/dL) (60-150)	192	339	339
HbA1C%	4.8	---	---
Total bilirubin (0-1.0)	0.3	0.5	0.3
SGOT (AST) (0-40)	33	43	24
SGPT (ALT) (5-35)	27	27	16
Alkaline phosphatase (45-110)	55	55	30
Serum Amylase (23-851)	39	39	21
Serum Lipase (0-80)	32	32	10
WBC (THO/uL) (4.5-11.0)	11.9	19.2	13.1
Hgb (g/dL) (12-16)	13.9	13.9	8.4
Platelets (THO/uL) (150-350)	240	304	178
INR (<2.0)	1.03	16.6	1.34

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	>500	----	----	----

### Medications During Hospitalization

Steroids**	----
Diuretics	----
T3 Protocol	----
T4 Protocol*	Yes. 40mcg/hr
Insulin**	----
Antihypertensive	----
Vasodilators	----
DDAVP**	----
Total parenteral nutrition	----
Other	---- 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