



## HPAP003 Donor Summary

HPAP	003	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	29	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Race	Caucasian	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	49 Hours 59 Mins.	
ABO (Rh)	O+	Cross Clamp Time	1/18/17 03:52 EST	
BMI (Kg/m <sup>2</sup> )	24.52	Cold Ischemia Time*	10 Hours 33 Mins.	
Cause of Death	Head Trauma	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	GSW (Suicide)	Organs Recovered Lungs recovered for research	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"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	1 Hours 10 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 5 mins  No <input type="checkbox"/>	Organs Discarded  Liver discarded (hepatocellular necrosis)	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input checked="" type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	5 mins	Blood Culture	No Growth	
Date /Time of Admission	1/16/17 @ 01:53 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	No ARDS	

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

## HPAP003 Donor Summary



### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	None			
History of cancer	None			
Coronary Artery Disease	None			
Hypertension	None			
Hyperlipidemia	None			
Autoimmune disease	None			
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:				

### HEMODYNAMIC PROFILE

Average BP During Hospitalization (mmHg)	90/54	
Average Low BP During Hospitalization	90/54	Duration: 1 hour
Average BP in OR (mmHg)	135/90	
Average Low BP in OR (mmHg)	140/85	Duration: 5 minutes
Average HR in OR (bpm)	105	
ABG-pH range	6.15 – 7.48	

### INTERVENTION

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

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	774		774
PRBCs	325	5	1625
Platelets	None	-----	-----
Norepinephrine (Levophed)	Yes		
Vasopressin	Yes		
Neo-Synephrine	Yes		
Epinephrine	Yes		
Phenylephrine	Yes		
Dopamine	Yes		

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## Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None		
PRBCs	None		
Platelets	227		227
Norepinephrine (Levophed)	None		
Vasopressin	None		
Neo-Synephrine	Yes	20 mcg/kg	
Epinephrine	None		
Dopamine	None		
Heparin	-----	30,000	-----

## Initial Autoantibody Screening (nPOD):

GAD-65	IA-2
Positive	Negative

## Confirmatory results (University of Florida)\*

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)	C-peptide (ng/ml)	Proinsulin
Results	119	0	0.004	0.007	9	ND
Cut-off values	20	5	0.01	0.02	0	

\*Sample Obtained at time of organ recovery.

## HLA (OPO)

Class 1	A	2	24	Class II	DR	4	9
	B	44	51		DR51	Negative	
	C	9	5		DR52	Negative	
	Bw4	Positive			DR53	Positive	
	Bw6	Negative			DQB	8	9
					DQA	03	-----
					DPB	02:01	04:01

## Confirmatory HLA (UPENN)\*

Class 1	A	2	24	Class II	DR	4	9
	B	44	51		DRB3/4/5	53	
	C	W5	W9		DQ	8	9
	BW	4	-----		DQA1	03	-----
					DPB1	02:01	04:01
					DPA1	01	-----

\*HLA typing performed using RT-PCR

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### Confirmatory HLA (UPENN)\*

Class 1	A	02:01	24:02	Class II	DRB1	04:01	09:01
	B	44:02	51:01		DRB3	-----	-----
	C	03:03	05:01		DRB4	01:03	-----
					DRB5	-----	-----
					DQB1	03:02	03:03
					DQA1	03:01	03:02
					DPB1	02:01	04:01
					DPA1	01:03	-----

\*HLA Typing performed using NGS

### Infectious Disease Serology

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

## HPAP003 Donor Summary



### Laboratory Panel

	Initial	Peak	Terminal
Na ((135-145)	139	149	149
Creatinine (<1.5)	1.06	2.12	2.12
Glucose (65-150)	218	362	192
HbA1C%	5.6		
Total bilirubin (0-1.0)	0.8	2.8	2.1
SGOT (AST) (0-40)	70	11815	10917
SGPT (ALT) (5-35)	26	7073	6401
Alkaline phosphatase(45-110)	59	59	58
Serum Amylase (23-851)	138	138	108
Serum Lipase (0-80)	63	131	131
WBC (THO/uL)	10.4	14.6	9.5
Hgb (g/dL)	6.0	14.6	7.6
Platelets (THO/uL)	77	87	62
INR (0.8 – 1.2)	5.2	5.2	2.2

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4th
Glucose	=>500	50-149	50-149	-----

### Medications During Hospitalization

Steroids**	None
Diuretics	None
T3 Protocol	None
T4 Prototol*	Yes- Started d(-1) before OR and continued in OR @ 40mcg/hr. until cross clamp
Insulin**	Yes (sliding scale)
Antihypertensive	None
Vasodilators	None
DDAVP**	None
Total parenteral nutrition	None
Other	

\*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