



HPAP 001 Donor Summary

HPAP	001	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	47	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	40 Hours 13 Mins.	
ABO (Rh)	A	Cross Clamp Time	10/29/2016 @15:13 EST	
BMI (Kg/m ²)	32.2	Cold Ischemia Time*	2 Hours 20 Mins.	
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	ICH	Organs Recovered	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"/>	
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> 15 mins. No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	Hours 26 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 15 mins. No <input type="checkbox"/>	Organs Discarded >20% glomerulosclerosis on biopsy	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>	
Total Est. Downtime	15 mins.	Blood Culture	ND	
Date /Time of Admission	10/27/2016 @ 23:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	Aspiration pneumonia in bilateral lower lobes.	



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Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2DM	≈ 20 yrs.	Metformin – 2000mg/d	Yes
History of cancer	None	-----	-----	-----
CAD	Yes	MI in 5/2016	Coronary Stent	Yes
Hypertension	Yes	≈ 20 yrs.	Ramipril and Toprol	Yes
Hyperlipidemia	Yes	≈ 20 yrs.	Atorvastatin	Yes
Autoimmune disease	None	None	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Father MI	Diabetes <input checked="" type="checkbox"/> Father T2DM	Auto immune disease <input type="checkbox"/> None	Others:
Surgical History:	Gastric Bypass 2012 Coronary angioplasty and stent insertion 5/2016			
Comments:	Patient takes Seroquel			

HEMODYNAMIC PROFILE

Average BP During Hospitalization (mmHg)	125/89	
Average Low BP During Hospitalization (mmHg)	85/74	Duration: 60 mins.
Average BP in OR (mmHg)	126/88	
Average Low BP in OR (mmHg)	82/40	Duration: 1 min
Average HR in OR (bpm)	88	
ABG-pH range	7.09 – 7.35	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	-----	-----
PRBCs	None	-----	-----
Platelets	None	-----	-----
Norepinephrine (Levophed)	None	-----	-----
Vasopressin	Yes	Component of T4 Protocol – started d(-1) before OR	
Neo-Syneprine	None	-----	-----
Epinephrine	None	-----	-----
Phenylephrine	Yes		
Dopamine	None	-----	-----



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	-----	-----
PRBCs	None	-----	-----
Platelets	None	-----	-----
Norepinephrine (Levophed)	None	-----	-----
Vasopressin	None	-----	-----
Neo-Syneprine (phenylephrine)	Yes	100 mcg/min	-----
Epinephrine	None	-----	-----
Dopamine	None	-----	-----
Heparin		30,000	

Initial Autoantibody Screening (nPOD):

GAD-65	IA-2
Not Done	Not Done

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	0	0	0.003	0.000	0.43*	ND
Cut-off values	20	5	0.01	0.02		ND

*Sample obtained at time of organ recovery.

HLA (OPO)

Class 1	A	2	3	Class II	DR	1	16
	B	35	39		DR51	Positive	
	C	4	12		DR52	Negative	
	Bw4	Negative			DR53	Negative	
	Bw6	Positive			DQB1	5	-----
					DQA1	01	-----
				DPB1	04:01	04:02	

Confirmatory HLA (UPENN)*

Class 1	A	2	3	Class II	DRB1	1	16
	B	35	39		DRW	51	-----
	C	4	12		DQB	5	-----
	Bw	6			DQA	01	-----
					DPB	04:01	04:02
					DPA	01:03	-----

*HLA typing performed using SSO

Confirmatory HLA (UPENN)*



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Class 1	A	02:01	03:01	Class II	DRB1	01:01	16:01
	B	35:01	39:06		DRB3	-----	-----
	C	04:01	12:03		DRB4	-----	-----
					DRB5	02:02	-----
					DQB1	05:01	05:02
					DQA1	01:01	01:02
					DPB1	04:01G**	04:02G**
					DPA1	01:03	-----

*HLA Typing performed using NGS **G codes when HLA alleles have identical nucleotide sequences across the exons encoding the peptide binding domains.

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	X	-----
EBV IgM	Non-Reactive	X	-----
CMV	Non-Reactive	X	-----
HBcAb	Non-Reactive	X	-----
HBsAg	Non-Reactive	X	-----
HCV Ab	Non-Reactive	X	-----
HIV I/II	ND	-----	-----
Syphilis	Non-Reactive	X	-----
Procleix Ultrio	-----	-----	-----
Ultrio HBV	Non-Reactive (NAT)	X	-----
Ultrio HCV	Non-Reactive (NAT)	X	-----
Ultrio HIV	Non-Reactive (NAT)	X	-----
Toxoplasma Ab	-----	-----	-----

Laboratory Panel

	Initial	Peak	Terminal
Na (135-145 mEq/L)	138	143	141
Creatinine (<1.5)	1.44	2.83	2.83
Glucose (65-150 mg/dL)	342	342	320
HbA1C%	5.7	-----	-----
Total bilirubin (0-1.0 mg/dl)	0.5	0.5	0.3
SGOT (AST) (0-40 u/L)	199	201	96
SGPT (ALT) (5-35 u/L)	112	114	73
Alkaline phosphatase (45-110 u/L)	217	217	84
Serum Amylase (23-851 u/L)	501	ND	ND
Serum Lipase (0-80 u/L)	273	ND	ND
WBC (THO/uL)	10.5	16.5	16.5
Hgb (g/dL)	13.3	16.3	12.2
Platelets (THO/uL)	213	235	170
INR	1.2	1.6	1.5



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Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	100 mg/dl	Negative	ND	ND

Medications During Hospitalization

Steroids**	None		
Diuretics	None		
T3 Protocol	None		
T4 Protocol*	Yes - Started d (-1) before organ recovery and continued in OR		
Insulin **	None		
Antihypertensive	None		
Vasodilators	None		
DDAVP **	None		
Total parenteral nutrition	None		
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