



HPAP 010 Donor Summary

HPAP	010	UNOS		
Recovery OPO	CORE	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	42	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	62 Hours 8 Mins.	
ABO (Rh)	O+	Cross Clamp Time	5/27/2017 @ 12:08 EST	
BMI (Kg/m²)	36.88	Cold Ischemia Time*	10 Hours 40 Mins.	
Cause of Death	Head Trauma	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/>	
Mechanism of Injury	Blunt Injury (MVA)	Organs Recovered	Heart <input type="checkbox"/> Lung <input 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	1 Hours 83 Mins.	
CPR / Time	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Organs Discarded	Heart <input type="checkbox"/> Lung <input checked="" type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	No	Blood Culture	ND	
Date /Time of Admission	5/24/2014 @ 22:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	Bilateral Contusion	

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



HPAP 010 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2D	2 years	Glipizide	
History of cancer	None			
CAD	None			
Hypertension	Yes	2 years	Yes (unknown med)	
Hyperlipidemia	Yes	2 years	Statins	
Autoimmune disease	None			
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Father & Sister	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Tubal Ligation, Hysterectomy 12 years ago			
Comments:				

HEMODYNAMIC PROFILE

Average BP During Hospitalization (mmHg)	119/72	
Average Low BP During Hospitalization (mmHg)	59/38	Duration: 5 mins.
Average BP in OR (mmHg)	135/72	
Average Low BP in OR (mmHg)	90/45	Duration: 5 mins.
Average HR in OR (bpm)	100	
ABG-pH range	7.19 – 7.49	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	275	2	550
PRBCs	350	8	2800
Platelets	50	1	50
Norepinephrine (Levophed)	Yes	-----	-----
Vasopressin	Yes	-----	-----
Neo-Syneprine	None	-----	-----
Epinephrine	None	-----	-----
Phenylephrine	None	-----	-----
Dopamine	None	-----	-----



HPAP 010 Donor Summary

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	None	None
PRBCs	300	3	900
Platelets	None	-----	-----
Norepinephrine (Levophed)	None	-----	-----
Vasopressin	None	-----	-----
Neo-Synephrine (phenylephrine)	150mcg	-----	-----
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	567	0	-0.006	-0.004	5.27	ND
Cut-off values	20	5	0	0.020		

*Sample obtained at time of organ recovery

HLA (OPO)

Class 1	A	2	32	Class II	DR	15	17
	B	44	62		DQB1	ND	ND
	C	ND	ND		DQA1	ND	ND
	Bw4	ND			DPB1	ND	ND
	Bw6	ND					
Comment:							

Confirmatory HLA (UPENN)*

Class 1	A	02:01	32:01	Class II	DRB1	15:01	03:01
	B	15:01	44:02		DRB3	-----	01:01
	C	03:03	05:01		DRB4	-----	-----
					DRB5	01:01	-----
					DQB1	02:01	06:02
					DQA1	01:02	05:01
					DPB1	03:01	19:01
					DPA1	01:03	02:07

*HLA typing performed using NGS



HPAP 010 Donor Summary

Infectious Disease Serology

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

Laboratory Panel

	Initial	Peak	Terminal
Na (135-145 mEq/L)	141	153	147
Creatinine <1.5	1.2	1.3	0.7
Glucose (80-120 mg/dL)	169	223	203
HbA1C%	ND	ND	6.0
Total bilirubin (0.2-1.5mg/dl)	0.8	0.8	0.6
SGOT (AST) (0-40 u/L)	302	302	140
SGPT (ALT) (0-50 u/L)	281	281	98
Alkaline phosphatase (20-125 u/L)	69	69	55
Serum Amylase (23-85 u/L)	85	ND	ND
Serum Lipase (200 u/L)	104	ND	ND
WBC (THO/uL)	27.9	27.9	19.1
Hgb (g/dL)	10.2	12.8	8.7
Platelets (THO/uL)	185	185	85
INR	1.2	1.44	1.21

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Negative	ND	ND



HPAP 010 Donor Summary

Medications During Hospitalization

Steroids**	None		
Diuretics	None		
T3 Protocol	None		
T4 Protocol*	None		
Insulin**	Yes (sliding scale)		
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