

HPAP013 Donor Summary



HPAP	013	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	28	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	48 Hours 27 Mins.	
ABO (Rh)	A+	Cross Clamp Time	07/19/2017 @ 19:00 EST.	
BMI (Kg/m²)	41.63	Cold Ischemia Time*	15 Hours 3 Mins.	
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Asphyxiation	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input 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:	0 Hours 25 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 30 Minutes	Organs Discarded	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	30 Minutes	Blood Culture	No Growth	
Date /Time of Admission	07/17/2017 @ 18:33 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.

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Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2D	≈5 years	Metformin 500mg, BID	Yes
History of cancer	None	-----	-----	-----
CAD	Not known	-----	-----	-----
Hypertension	Yes	Unknown	Zebeta 5mg QD	Yes
Hyperlipidemia	Yes	≈ 5 years	Crestor 20 mg OD	Yes
Autoimmune disease	Hypothyroidism	Unknown pathogenesis		-----
Family History	CAD <input checked="" type="checkbox"/> Grandmother	Diabetes <input checked="" type="checkbox"/> Father	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Laparoscopic cholecystectomy ≈2005			
Comments:	Ehlers – Danlos @ age 15 POTS – Postural Orthostatic Tachycardia Syndrome – on Corlanor 5 mg. BID Hypothyroidism – on Synthroid 80 mcg. QD			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	150/90	
Average Low BP During Hospitalization	97/69	Duration: 30 mins.
Average BP in OR (mmHg)	110/67	
Average Low BP in OR (mmHg)	82/47	Duration: 10 mins.
Average HR in OR (bpm)	110	
ABG-pH range	7.01 – 7.38	



INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	-----	-----
PRBCs	None	-----	-----
Platelets	None	-----	-----
Norepinephrine (Levophed)	Yes	5 mcg/min on admission \approx for 2 hours.	
Vasopressin	Yes	Component of T4 protocol	
Neo-Syneprine (phenylephrine)	None	-----	-----
Epinephrine	None	-----	-----
Phenylephrine	None	-----	-----
Dopamine	None	-----	-----

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)		60 mcg/kg/min	
Epinephrine	None	-----	-----
Dopamine	None	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD)*

GAD-65	IA-2
Negative	Negative

*Methodology: *Kornus Elisa

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						
Cut-off values						

*Sample obtained at time of organ recovery

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HLA (OPO)*

Class 1	A	1	68	Class II	DR	11	15
	B	62	71		DR51	Positive	
	C	9	7		DR52	Positive	
	BW4	Negative			DR53	Negative	
	BW6	Positive			DQB	7	6
			DQA		01	05	
			DPB		04:01		
Comment:							



Laboratory Panel

	Initial	Peak	Terminal
Na (135-145)	144	157	154
Creatinine (<1.5)	1.1	1.2	1.0
Glucose (65-150)	356	356	272
HbA1C%	6.3	-----	-----
Total bilirubin (0-1.0)	0.2	0.8	0.5
SGOT (AST) (0-40)	55	871	492
SGPT (ALT) (5-35)	56	702	542
Alkaline phosphatase (45-110)	66	73	59
Serum Amylase (23-851)	200	200	125
Serum Lipase (0-80)	20	20	12
WBC (THO/uL)	12.3	18.8	14.9
Hgb (g/dL)	10.9	13.8	11
Platelets (THO/uL)	178	196	161
INR	1.1	1.3	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	100	>1000		

Medications During Hospitalization

Steroids**	None		
Diuretics	Mannitol 50gms in OR		
T3 Protocol	None		
T4 Protocol*	Yes		
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