

HPAP011 Donor Summary



HPAP	011	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	3	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Race	African American	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	86 Hours 47 Mins.	
ABO (Rh)	O+	Cross Clamp Time	06/25/2017 @ 9:28 EST	
BMI (Kg/m ²)	17.64	Cold Ischemia Time*	6 Hours 21 Mins.	
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Drowning	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <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:	0 Hours 29 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 90 Minutes No <input type="checkbox"/>	Organs Discarded	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>	
Total Est. Downtime	90 Minutes	Blood Culture	No Growth	
Date /Time of Admission	6/21/2017 @18:41 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	Progressive bilateral pulmonary opacities	

*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	None	-----	-----	-----
Hypertension	None	-----	-----	-----
Hyperlipidemia	None	-----	-----	-----
Autoimmune disease	None	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Grand Parents	Diabetes <input checked="" type="checkbox"/> T2D Paternal Grandmother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:				
Comments:	Jaundice at Birth – Treated with lights			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	95/50	
Average Low BP During Hospitalization	50/29	Duration: 3 mins
Average BP in OR (mmHg)	115/55	
Average Low BP in OR (mmHg)	88/54	Duration: 30 mins.
Average HR in OR (bpm)	95	
ABG-pH range	Pre-OR (7.04-7.51) intra op (not available)	



INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	180	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	0.1 mcg/kg/min for \approx 4 hours		
Vasopressin	4 m units/kg/hr – Single dose		
Neo-Synephrine	-----	-----	-----
Epinephrine	0.2 mcg/Kg/min for \approx 16 hours		
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin		5,000	

Initial Autoantibody Screening (nPOD):

GAD-65	IA-2
Negative	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	0	0	-0.000	0.001	1.56	ND
Cut-off values	20	5	0.010	0.020	-----	-----

*Sample obtained at time of organ recovery

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HLA (OPO)*

Class 1	A	2	11	Class II	DR	7	14
	B	51	-----		DR51	Negative	
	C	15	16		DR52	Positive	
	Bw4	Positive			DR53	Positive	
	Bw6	Negative			DQB	2	5
					DQA	01	02
					DPB	01:01	04:01
Comment:							

*Methodology:RT-PCR

Confirmatory HLA (UPENN)*

Class 1	A	02:01	11:01	Class II	DRB1	14:54	07:01
	B	51:01	-----		DRB3	02:02	-----
	C	15:02	16:01		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	02:02	05:03
					DQA1	01:04	02:01
					DPB1	01:01	04:01
					DPA1	01:03	02:01

*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	Positive	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	Negative	Yes	-----

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Laboratory Panel

	Initial	Peak	Terminal
Na (135-145)	143	160	148
Creatinine (<1.5)	0.5	0.5	0.4
Glucose (65-150)	84	357	113
HbA1C%	5.5	-----	-----
Total bilirubin (0-1.0)	0.3	0.4	0.3
SGOT (AST) (0-40)	328	328	83
SGPT (ALT) (5-35)	170	202	69
Alkaline phosphatase (45-110)	291	291	174
Serum Amylase (23-851)	37	48	41
Serum Lipase (0-80)	9	27	27
WBC (THO/uL)	11.9	17.6	9.0
Hgb (g/dL)	10.9	13.4	8.7
Platelets (THO/uL)	378	480	141
INR (0.8 – 1.2)	1.2	2.2	1.0

Urinalysis

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

Medications During Hospitalization

Steroids**	-----
Diuretics	Lasix (64 mg) and Mannitol (16 gms) in OR
T3 Protocol	-----
T4 Protocol*	10 mcg/hr. continued in OR
Insulin**	-----
Antihypertensive	-----
Vasodilators	-----
DDAVP**	-----
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