

HPAP017 Donor Summary



HPAP	017	UNOS	
Recovery OPO	Life Sharing San Diego	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	30	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	<input type="text" value="127"/> Hours <input type="text" value="44"/> Mins.
ABO (Rh)	O+	Cross Clamp Time	09/16/2017 05:18 PST 09/16/2017 08:18 EST
BMI (Kg/m²)	25.8	Cold Ischemia Time*	<input type="text" value="18"/> Hours <input type="text" value="38"/> Mins.
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input checked="" type="checkbox"/>
Mechanism of Injury	Drug Intoxication	Organs Recovered	Heart <input 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:	<input type="text" value="0"/> Hours <input type="text" value="09"/> Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> 15 Minutes No <input type="checkbox"/>	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	10 Minutes	Blood Culture	No Growth
Date /Time of Admission	09/10/2017 @ 21:34 PST 9/11/2017 @ 12:34 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bilateral patchy lung consolidation

*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 type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Appendectomy 2016			
Comments:	Seizure disorder dx in 2016 – Takes Keppra 1000 mg BID Hx of depression – on Trazodone 100 mg QD and Seroquel 200 mg QID			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	118/71	
Average Low BP During Hospitalization	68/24	Duration: 15 mins.
Average BP in OR (mmHg)	130/80	
Average Low BP in OR (mmHg)	100/50	Duration: 5 mins.
Average HR in OR (bpm)	120	
ABG-pH range	7.12 ----- 7.45	

**INTERVENTION****Blood Products/Meds Transfused Before Organ Recovery**

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	-----	-----
PRBCs	None	-----	-----
Platelets	None	-----	-----
Norepinephrine (Levophed)	2 mgm/hr started d (-2) before OR and about \approx 24 hrs.		
Vasopressin	Component of T4 Protocol		
Neo-Syneprine	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)	None	-----	-----
Epinephrine	None	-----	-----
Dopamine	None	-----	-----
Heparin		30,000	
Diuretics	Lasix / 60 mgs		
" "	Mannitol / 25 gms.		

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	751	0	-0.001	0	3.71	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	1	11	Class II	DR	7	17
	B	8	44		DR51	Negative	
	C	7	16		DR52	Positive	
	Bw4	Positive			DR53	Positive	
	Bw6	Positive			DQB	2	2
				DQA	02	05	
				DPB	03	11	
				DPA	01	02	
Comments							

*Methodology:RT-PCR

Confirmatory HLA (UPENN)*

Class 1	A	01:01	11:01	Class II	DRB1	03:01	07:01
	B	08:01	44:03		DRB3	01:01	-----
	C	07:01	16:01		DRB4	-----	01:01
					DRB5	-----	-----
					DQB1	02:01	02:02
					DQA1	02:01	05:01
					DPB1	11:01	104:01
					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	Positive	Yes	-----
CMV IgG and IgM	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	-----



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L)	137	180	155
Creatinine	2.7	2.7	1.8
Glucose (mg/dL)	182	371	125
HbA1C%	5.50	-----	-----
Total bilirubin (mg/dl)	1.3	3.0	1.9
SGOT (AST) (u/L)	2196	6426	107
SGPT (ALT) (u/L)	1666	2933	1137
Alkaline phosphatase (u/L)	113	152	128
Serum Amylase (u/L)	532	532	40
Serum Lipase (u/L)	37	137	49
WBC (THO/uL)	11.5	11.5	5.7
Hgb (g/dL)	13	15.3	10.6
Platelets (THO/uL)	93	117	97
INR	1.6	1.6	1.3

Urinalysis

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

Medications During Hospitalization

Steroids**	Methylprednisone 500 mg on d (-2) and d (-1) before OR		
Diuretics	Lasix 60 mg and Mannitol 25gms in OR		
T3 Protocol	None		
T4 Protocol*	Yes-started 3d Pre-OR and continued through OR		
Insulin**	Gtts started 3d Pre-OR and continued /stopped few hrs. before OR		
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