



HPAP-046 Donor Summary

HPAP	_046	UNOS	
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	19	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	79 Hours 57 Mins.
ABO (Rh)	A1 -	Cross Clamp Time	08/28/2019 07:13 EST
BMI (Kg/m²)	20.96	Cold Ischemia Time*	6 Hours 57 Mins.
Weight (kg)	70.1		
Height (cm)	182.88		
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	Cardiovascular	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 13 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> 60 mintues 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	60 minutes	Blood Culture	No Growth
Date /Time of Admission	8/24/2019 23:15 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Pneumonia

*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 checked="" type="checkbox"/> Father	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	-			
Comments:	HX of Asthma for 19 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	120/85	
Average Low BP During Hospitalization	60/42	Duration: 10 minutes
Average BP in OR (mmHg)	130/85	
Average Low BP in OR (mmHg)	103/65	Duration: 5 minutes
Average HR in OR (bpm)	125	
ABG-pH range	7.03-7.41	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-	-	-
PRBCs	-	-	-
Platelets	-	-	-
Norepinephrine (Levophed)	-	4 mcg/kg/min for 22 hours before organ recovery	
Vasopressin	-		
Neo-Syneprine	-		
Epinephrine	-		
Phenylephrine	-		
Dopamine	-		

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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-	-	-
PRBCs	-	-	-
Platelets	-	-	-
Norepinephrine (Levophed)	-	-	-
Vasopressin	-	-	-
Neo-Synephrine (phenylephrine)	-	100 mcg	-
Epinephrine	-	-	-
Dopamine	-	-	-
Heparin	-	30,000	-

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
Negative	Negative

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	-0.001	0.001
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	20.74	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	25	68	Class II	DR	1	12
	B	44	81		DR51	Negative	Negative
	C	05	18		DR52	52	52
	Bw4	Positive			DR53	Negative	Negative
	Bw6	Positive			DQB1	5	5
			DQA1		01	01	
			DPB1		01:01	10:01	
Comment:							



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Confirmatory HLA (UPENN)*

Class 1	A	25:01	68:02	Class II	DRB1	01:01	12:01
	B	44:02	81:01		DRB3	-	01:01
	C	05:01	18:01		DRB4	-	-
					DRB5	-	-
					DQB1	05:01	-
					DQA1	01:01	01:05
					DPB1	01:01	10:01
					DPA1	02:01	02:02

*HLA typing performed using NGS

Infectious Disease Serology

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



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	149	144
Creatinine (<1.5)	1.53	9.13	9.13
Glucose (mg/dL) (60-150)	221	338	167
HbA1C%	5.7	-	-
Total bilirubin (0-1.0)	0.3	0.4	0.3
SGOT (AST) (0-40)	58	150	43
SGPT (ALT) (5-35)	43	113	67
Alkaline phosphatase (45-110)	98	98	74
Serum Amylase (23-851)	115	115	78
Serum Lipase (0-80)	11	16	16
WBC (THO/uL) (4.5-11.0)	9.7	28.8	19.3
Hgb (g/dL) (12-16)	12.9	14.5	9.8
Platelets (THO/uL) (150-350)	113	227	125
INR (<2.0)	1.2	1.2	1.0

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	100	-	-	-

Medications During Hospitalization

Steroids**	40 mg (x4) 2 days before organ recovery		
Diuretics	-		
T3 Protocol	-		
T4 Protocol*	NA		
Insulin**	12 units (x2) 3 days before OR and 4units (x5) 2 days before OR		
Antihypertensive	-		
Vasodilators	-		
DDAVP**	-		
Total parenteral nutrition	-		
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