

HPAP-084 Donor Summary



HPAP	084	UNOS	
Recovery OPO	DCTC – Washington Reg Transplant Community	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	12 Years	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	White	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	140 Hours 17 Mins.
ABO (Rh)	A2B	Cross Clamp Time	02/10/2021 22:02 EST
BMI (Kg/m²)	18.5	Cold Ischemia Time*	13 Hours 30 Min.
Weight (kg)	44.4		
Height (cm)	155.00		
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	-----	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> 30 minutes No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 47 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> 30 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	30 minutes	Blood Culture	No Growth
Date /Time of Admission	02/05/2021 01:45 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Stable pulmonary opacities and small right pneumothorax

*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	Recent DKA	Unknown	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Tonsils removed 9 years ago			
Comments:	Family Hx: Maternal father has cardiac history, bypass surgery			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	112/67 or 105/60	
Average Low BP During Hospitalization	89/51	Duration: 5-60 M
Average BP in OR (mmHg)	100/60	
Average Low BP in OR (mmHg)	70/30	Duration: 5 M
Average HR in OR (bpm)	120	
ABG-pH range	7.03 – 7.49	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	300- 310	2	610
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	0.26 units/hr started 5 days before organ recovery for the duration of 130:32:00 hrs	
Neo-Syneprine			
Epinephrine	-----	0.04 MCG/KG/MIN started 5 days before organ recovery for the duration of 74:10:00 hrs	
Phenylephrine	-----	-----	-----
Dopamine	-----	1 MCG/KG/MIN started 5 days before organ recovery for the duration of 6:29:00 hrs	



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	0.1 mu/kg/min	-----
Neo-Syneprine (phenylephrine)	-----	250 mcg	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	13,200	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
ND	ND

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	27	139	- 0.001	0.116
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	2.2	-----

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	2	Class II	DR	03:01	03:01
	B	57	57		DR51	Negative	----
	C	06	06		DR52	3*01	3*01
	Bw4	Positive			DR53	Negative	----
	Bw6	Negative			DQB1	2	2
					DQA1	05	05
					DPB1	04:01	04:01
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	01:01	01:1	Class II	DRB1	03:01	---
	B	57:01	---		DRB3	01:01	---
	C	06:02	---		DRB4	---	---
					DRB5	---	---
					DQB1	02:01	---
					DQA1	05:01	---
					DPB1	04:01	---
					DPA1	01:03	---

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Negative	✓	-
EBV IgM	Negative	✓	-
CMV	Negative	✓	-
HBcAb	Non -Reactive	✓	-
HBsAg	Non -Reactive	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Non- Reactive	✓	-
Syphilis	Non -Reactive	✓	-
Procleix Ultrio	Non- Reactive	✓	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	163	147
Creatinine (<1.5)	1.3	1.4	0.6
Glucose (mg/dL) (60-150)	389	410	188
HbA1C%	13.3	----	----
Total bilirubin (0-1.0)	0.5	1.5	1
SGOT (AST) (0-40)	16	435	62
SGPT (ALT) (5-35)	17	348	202
Alkaline phosphatase (45-110)	423	423	150
Serum Amylase (23-851)	47	----	----
Serum Lipase (0-80)	7	----	----
WBC (THO/uL) (4.5-11.0)	14.59	16.45	6.43
Hgb (g/dL) (12-16)	16.2	16.2	10.6
Platelets (THO/uL) (150-350)	367	367	53
INR (<2.0)	1.5	1.5	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th	6 th
Glucose	Positive(>500)	Positive(>500)	Positive(>500)	Positive(150)	Positive(>500)	Positive(50)
	7 th Positive(50)	8 th Positive(150)	9 th Negative	10 th Positive(50)	11 th Negative	

Medications During Hospitalization

Steroids**	Solumedrol 1 gram, Hydrocortisone 50 - 88 mg		
Diuretics	Lasix 100 mg, Mannitol 50 gram		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	0.03 – 0.15 units/kg/hr for the duration of 60:90 :00 hrs + 13 units (single dose) x 2		
Antihypertensive	Labetolol 2 mg (single dose)		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Rocuronium, Levothyroxine 10-88 mcg, Zosyn 2.25gm, Linezolid 600 mg,	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