

HPAP-076 Donor Summary



HPAP	076	UNOS	
Recovery OPO	NDRI (The National Disease research Interchange)	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	46	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Black	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	191 Hours 52 Mins.
ABO (Rh)	A1+	Cross Clamp Time	11/30/2020 04:50 EST
BMI (Kg/m ²)	33.98	Cold Ischemia Time*	<input type="text"/> Hours <input type="text"/> Mins. NO ISLET ISOLATION
Weight (kg)	79.00		
Height (cm)	152.40		
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 type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text"/> Hours <input type="text"/> Mins. Not available
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	No Downtime	Blood Culture	Negative
Date /Time of Admission	11/22/2020 04:58 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bibasilar 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	T2DM	x 2 years	Unknown	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	3 years	Unknown	yes
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Hernia repairing the early 2000s, breast reduction in the early 1990s			
Comments:	<p>Medical Hx: Congestive Heart Failure(CHF) required O2 at home, Cardiomyopathy</p> <p>Social Hx: smoked cigarettes 0.5ppd x 11 years, 1-2 alcohol on rare occasions x 10 years, Marijuana Inhalation unknown duration</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	117/71	
Average Low BP During Hospitalization	98/60	Duration: 5-60 Min.
Average BP in OR (mmHg)	112/67	
Average Low BP in OR (mmHg)	89/60	Duration: 5 seconds
Average HR in OR (bpm)	85	
ABG-pH range	7.31 – 7.52	

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	2 MCG/MIN for the duration of 11:59:00 hrs	
Vasopressin		Yes for the duration of 16:59:00 hrs	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	10MCG/MIN for the duration of 11:27:00 hrs	
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	-----	.01-.02 units/minute	-----
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin		30,000	

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

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	0	0	-0.002	-0.004
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	2.59	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	33	68	Class II	DR	7	13
	B	8	57		DR51	N-Negative	N-Negative
	C	10	07		DR52	3*02	N-Negative
	Bw4	Positive			DR53	4*01	N-Negative
	Bw6	Positive			DQB1	2	7
			DQA1		02	05	
			DPB1		01:01	105:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	33:03	68:02	Class II	DRB1	13:04	07:01
	B	08:01	57:03		DRB3	-----	-----
	C	03:04	07:18		DRB4	-----	01:01
					DRB5	-----	-----
					DQB1	02:02	03:19
					DQA1	02:01	05:05
					DPB1	01:01	105:01
					DPA1	02:02	03:01

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV	Positive	✓	-
HBcAb	Non Reactive	✓	-
HBsAg	Non Reactive	✓	-
HCV Ab	Non Reactive	✓	-
HIV I/II	Non Reactive	✓	-
Syphilis	Non Reactive	✓	-
Procleix Ultrio	Non Reactive	✓	-
Ultrio HBV	Non Reactive	✓	-
Ultrio HCV	Non Reactive	✓	-
Ultrio HIV -1/2	Non Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-----

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	139	153	140
Creatinine (<1.5)	0.81	0.81	0.47
Glucose (mg/dL) (60-150)	488	488	184
HbA1C%	7:30	-	-
Total bilirubin (0-1.0)	0.6	1.8	0.5
SGOT (AST) (0-40)	70	70	15
SGPT (ALT) (5-35)	69	69	20
Alkaline phosphatase (45-110)	56	74	74
Serum Amylase (23-851)	ND	ND	ND
Serum Lipase (0-80)	ND	ND	ND
WBC (THO/uL) (4.5-11.0)	16	16.8	6.7
Hgb (g/dL) (12-16)	12.6	12.6	8.4
Platelets (THO/uL) (150-350)	302	302	103
INR (<2.0)	0.97	1.39	1.39

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive: +3	Negative	---	---

Medications During Hospitalization

Steroids**	Yes, Methylprednisone		
Diuretics	Yes, Lasix		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	Yes, started 11/28/2020 19:01		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	Yes		
Total parenteral nutrition	-----		
Other	5% Albumin	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