

HPAP-112 Donor Summary



HPAP	112	UNOS	
Recovery OPO	MUSCULOSKELETAL TRANSPLANT FOUNDATION	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	53	DCD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Race	Caucasian	DBD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	137 Hours 41 Mins.
ABO (Rh)	A1 Positive	Cross Clamp Time	1-13-22 @ 11:41 ET
BMI (Kg/m²)	29.7	Cold Ischemia Time*	21 Hours 34 Mins.
Weight (kg)	69.00		
Height (cm)	152.4		
Cause of Death	Anoxia 2 nd CVA	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/>
Mechanism of Injury	NA	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 15 minutes between phone call and EMS arrival	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="checkbox"/> Hours <input type="checkbox"/> Mins. NA
CPR / Time	Yes <input checked="" type="checkbox"/> 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	15 minutes between phone call and EMS arrival	Blood Culture	No Growth
Date /Time of Admission	1-7-22 @ 1800 ET	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	NA

*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	No	-----	-----	-----
History of cancer	No	-----	-----	-----
CAD	No	-----	-----	-----
Hypertension	No	-----	-----	-----
Hyperlipidemia	No	-----	-----	-----
Autoimmune disease	No	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> mother	Diabetes <input checked="" type="checkbox"/> Brother and mother	Auto immune disease <input type="checkbox"/> NA	Others:
Surgical History:	cyst removed from breast 5 years ago, Tubal ligation 33 years ago			
Comments:	<p>Medical Hx: Asthma, COPD, Restless leg syndrome, unknown allergy Mucous cough related to her recent dx of PNA. Was tested for COVID and was negative. Swollen glands in neck , 1 year ago thought to be related to smoking Hx. Medication Hx: Meds for Anxiety, Depression, Restless Leg Syndrome, Inhaler names unknown Social Hs: Drug Hs: Marijuana rarely x 5yrs (Smoked one time more than 14yrs ago 2nd NOK) Tobacco: Cigarettes, 1.5-2 ppd x 33yrs on/off; Vaping x 2yrs (On/Off x 4yr 2nd NOK) , Alcohol (ETOH): Captain Morgan, 1-2 drinks socially on weekends since age 21 (1 drink 6 times a month x 20yrs 2nd NOK) Travel to Jamaica 26 years ago, Egypt 15 years ago</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	NA	
Average Low BP During Hospitalization	NA	Duration: NA
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	NA	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	Levophed given during hospitalization	
Vasopressin	-----	-----	-----
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	NA	NA	NA
PRBCs	NA	NA	NA
Platelets	NA	NA	NA
Norepinephrine (Levophed)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Syneprine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

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	-0.002
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.55	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	30	66	Class II	DR	10	17
	B	18	41		DR51	NA	NA
	C	NA	NA		DR52	NA	NA
	Bw4	NA			DR53	NA	NA
	Bw6	NA			DQB1	2	5
			DQA1		2	5	
			DPB1		NA	NA	
Comment:							

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Confirmatory HLA (UPENN)*

Not performed for HPAP-T2D program

Class 1	A			Class II	DRB1		
	B				DRB3		
	C				DRB4		
					DRB5		
					DQB1		
					DQA1		
					DPB1		
					DPA1		

*HLA typing performed using NGS

Infectious Disease Serology

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



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	NA	NA	NA
Creatinine (<1.5)	0.98	0.98	0.44
Glucose (mg/dL) (60-150)	324	324	97
HbA1C%	5.6	-	-
Total bilirubin (0-1.0)	0.2	1.2	0.8
SGOT (AST) (0-40)	106	202	80
SGPT (ALT) (5-35)	46	121	20
Alkaline phosphatase (45-110)	NA	NA	NA
Serum Amylase (23-851)	44	44.00	44.00
Serum Lipase (0-80)	23.00	53	23.00
WBC (THO/uL) (4.5-11.0)	NA	NA	NA
Hgb (g/dL) (12-16)	NA	NA	NA
Platelets (THO/uL) (150-350)	NA	NA	NA
INR (<2.0)	NA	NA	NA

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	NA	NA	NA	NA

Medications During Hospitalization

Steroids**	NA		
Diuretics	NA		
T3 Protocol	NA		
T4 Protocol*	NA		
Insulin**	NA		
Antihypertensive	NA		
Vasodilators	NA		
DDAVP**	NA		
Total parenteral nutrition	NA		
Other	Azithromycin	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