

HPAP -109 Donor Summary



HPAP	109	UNOS	
Recovery OPO	DCTC – Washington Reg Transplant Community	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	59	DCD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Race	Hispanic/Latino	DBD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="69"/> Hours <input type="text" value="41"/> Mins.
ABO (Rh)	B Positive	Cross Clamp Time	11/11/2021 21:41 EST
BMI (Kg/m²)	29.489	Cold Ischemia Time*	<input type="text" value="13"/> Hours <input type="text" value="37"/> Mins.
Weight (kg)	62		
Height (cm)	145		
Cause of Death	CARDIOVASCULAR/STROKE	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	INTRACRANIAL HEMORRHAGE/ STROKE	Organs Recovered NA	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input 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. NA
CPR / Time	Yes <input type="checkbox"/> No <input checked="" 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"/> <input type="checkbox"/>
Total Est. Downtime	No Downtime	Blood Culture	NA
Date /Time of Admission	11/09/2021 00:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Mild bibasilar atelectasis

*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	approximately 5 years	Sitagliptin-metFORMIN (50-1000mg, 500/tablets, 2x/day) empagliflozin-metformin (Synjardy XR) 25-1000mg, 1x/day	yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	5 years	Losartan 50 mg tablet, Ramipril 10mg, 1x/day	Yes
Hyperlipidemia	Yes	approximately 5 years	atorvastatin (Lipitor) 10mg, 1x/day	NO
Autoimmune disease	Yes	NA	meloxicam (Mobic), 15mg, 1x	yes
Family History	CAD <input checked="" type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Hysterectomy 5 years ago, Replacement Total Knee 2 years ago			
Comments:	Medical Hx: difficulty walking 2 years ago, excessive bleeding in rectal area 2-3 months ago, Arthritis in fingers and knees, Abdominal pain, maternal grandmother had heart condition and stroke, Penicillin Allergy medication Hx: ondansetron (Zofran-ODT), 4mg, dicyclomine (Bentyl), 10mg, 1 capsule, meloxicam (Mobic), 15mg, lactobacillus/streptococcus (RisaQuad) Cap, 1x/day, Multiple vitamin 1x/day, Vit. E,			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/73	
Average Low BP During Hospitalization	102/59	Duration: 60 Min.
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	7.2 - 7.37	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
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-Synephrine (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
Not performed	Not performed

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	0.000	0.001
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.44	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	11	34	Class II	DR	15	15
	B	13	61		DR51	5*01	-----
	C	10	15		DR52	N-Negative	-----
	Bw4	Positive			DR53	N-Negative	-----
	Bw6	Positive			DQB1	5	6
			DQA1		01	01	
			DPB1		01:01	05:01	
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 Total Ab (IgG/IgM)	Positive	✓	-
CMV IgM Ab	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 (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma IgG/IgM Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	140	157	157
Creatinine (<1.5)	1	1	0.7
Glucose (mg/dL) (60-150)	224	224	145
HbA1C%	7.5	-----	-----
Total bilirubin (0-1.0)	0.4	0.7	0.5
SGOT (AST) (0-40)	23	33	22
SGPT (ALT) (5-35)	25	31	20
Alkaline phosphatase (45-110)	94	94	67
Serum Amylase (23-851)	77	-----	-----
Serum Lipase (0-80)	61	-----	-----
WBC (THO/uL) (4.5-11.0)	19.02	19.02	15.4
Hgb (g/dL) (12-16)	14.6	14.6	11.8
Platelets (THO/uL) (150-350)	287	287	232
INR (<2.0)	0.9	1	1

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive: >=500	Positive: >=500	NA	NA

Medications During Hospitalization

Steroids**	-----		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Lohexol 350mg/ml(65ml) Cardene 5 mg/hr, Narcan 2mg/2ml, Propofol 10mcg/kg/min, Rocuronium 120mg	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