

HPAP -134 Donor Summary



HPAP	HPAP-134	UNOS	
Recovery OPO	DCTC- Washington Reg Transplant Community	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	58	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Black or African American	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="145"/> Hours <input type="text" value="17"/> Mins.
ABO (Rh)	B Positive(+)	Cross Clamp Time	11/03/2022 01:17 EST
BMI (Kg/m ²)	32.070	Cold Ischemia Time*	<input type="text" value="10"/> Hours <input type="text" value="11"/> Mins.
Weight (kg)	82.1000		
Height (cm)	160.00		
Cause of Death	ANOXIA	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
Mechanism of Injury	DEATH FROM NATURAL CAUSES	Organs Recovered	Heart <input 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. 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"/>
Total Est. Downtime	Not reported	Blood Culture	Positive Streptococcus gallolyticus ssp pasteurianus Staphylococcus coagulase negative Aerococcus viridians
Date /Time of Admission	10/28/2022 00:00 EST	PHS High Risk	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
		Acute Lung Injury	Compressive atelectasis (small bilateral pleural effusions, lower lobe consolidations). Bilateral Patchy airspace disease & ground glass opacities. Bronchial wall thickening, secondary to pulmonary edema or infectious/inflammatory bronchitis.

*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	T2D	3 years	Unknown	Unknown
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	Yes	Unknown	Unknown	Unknown
Hyperlipidemia	yes	Unknown	Unknown	Unknown
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> mother and sister	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	a) Gall Bladder removed 10 years ago (b) Tumor on lower back 4 years ago			
Comments:	Medical Hx: pt. had one eye that did not fall out but "popped out" the problem was resolved. Social Hx: smoked only 3 cigarettes a day for >35 years Assessment: Septic shock on-Traumatic Rhabdomyolysis, Polycythemia, Encephalopathy, Cocaine abuse (CMS/HCC), hypokalemia, Community acquired pneumonia, Collapse of lungs. Acute respiratory failure, elevated troponin level not due to MI.			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	129/57	
Average Low BP During Hospitalization	86/46	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	7.26 – 7.54	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	25 MCG/MIN Started 132:31 hrs. before organ recovery for the duration of 34:14 hrs.	
Vasopressin	-----	Ongoing 2.4 UNITS/HR started 93:18 hrs. before Forgan recovery.	
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-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
Antibody Screen: NEG	NA

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	0.002
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.21	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	33	68	Class II	DR	11	15
	B	58	72		DR51	5*01	-----
	C	02	06		DR52	3*02	-----
	Bw4	Positive			DR53	N-Negative	-----
	Bw6	Positive			DQB1	6	6
			DQA1		01	01	
			DPB1		01:01	30:01	
		DPA1	02	02			
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	Negative		
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	Non-Reactive	✓	-
Procleix West Nile Virus	Non-Reactive	✓	-
Chagas Ab	Non-Reactive	✓	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	155	142
Creatinine (<1.5)	2.11	2.11	1.07
Glucose (mg/dL) (60-150)	620	620	197
HbA1C%	12	-----	-----
Total bilirubin (0-1.0)	1.3	1.3	0.6
SGOT (AST) (0-40)	21	50	50

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SGPT (ALT) (5-35)	38	41	15
Alkaline phosphatase (45-110)	112	112	100
Serum Amylase (23-851)	42	NA	NA
Serum Lipase (0-80)	84	NA	NA
WBC (THO/uL) (4.5-11.0)	4.5	28.8	20.4
Hgb (g/dL) (12-16)	2.2 (possible mistake)	15.6	6.3
Platelets (THO/uL) (150-350)	49	363	218
INR (<2.0)	4.93	4.93	1.11

Urinalysis

	1 st	2 nd	3 rd & 4 th	5 th	6 th & 7 th	8,9,10 th
Glucose	Positive: >1000	Positive: 500	Positive: ≥1000 (x2)	Positive: 500	Positive: 1000 (x2)	Negative (x3)

Medications During Hospitalization

Steroids**	Solumedrol		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	Humulin R, NovolinR 100 units, started 122:13 hrs. before Forgan recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine vasopressin, Zosyn 4.5 gm q6hr, Linazolid 600 mg q12hr, Albuterol 2.5 mg q4hr, Vancomycin, dextrose 50%, Chlohexidine 0.12%, NaCL 9%, KCl 10MEq, Nicardipine 40mg, Pantoprazol 40mg, Propafol	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