



HPAP-128 Donor Summary

HPAP	128	UNOS	
Recovery OPO	DCTC - Washington Reg Transplant Community	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	49	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 checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	80 Hours 55 Mins.
ABO (Rh)	A1 positive (+)	Cross Clamp Time	07/20/2022 16:31 EDT
BMI (Kg/m²)	30.148	Cold Ischemia Time*	17 Hours 03 Mins.
Weight (kg)	104.3000		
Height (cm)	186		
Cause of Death	CEREBROVASCULAR/STROKE	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Servator-B
Mechanism of Injury	INTRACRANIAL HEMORRHAGE/STROKE	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 checked="" type="checkbox"/> 50 minutes No <input type="checkbox"/>	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"/> 50 minutes	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	50 minutes	Blood Culture	Pending
Date /Time of Admission	07/17/2022 07:36 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Patchy bilateral basilar infiltrate versus 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	-----	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	Most of his adult life	Blood pressure medication	yes
Hyperlipidemia	yes	Most of his adult life	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Mother and Grandmother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	<p>Medical Hx: Pt has a hx of stroke, HTN, MI and HLD. Basilar aneurysm 13 mm and CIA aneurysm 7 mm, did not follow with neurosurgery as after MI did not follow with cardiology. Whole life Headaches (Migraine), Stroke in March 2022 and difficulty walking since then, Covid positive on 3/23/21. Medication Hx: no outpatient medication on file.</p> <p>Social Hx: Smoked cigarette whole life (chain smoker) every day smoker current 0.5 PPD, social drinker one can since his legal age</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	120/70	
Average Low BP During Hospitalization	37 / 19	Duration: 6 min
Average BP in OR (mmHg)	110/65	
Average Low BP in OR (mmHg)	70/45	Duration: 1 min
Average HR in OR (bpm)	110	
ABG-pH range	7.09 – 7.47	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	50 MCG/MIN Stared 79:06 hr before organ recovery for the duration of 45:15 hr	
Vasopressin	-----	-----	-----
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	10 MCG/MIN started 80:31 hr before organ recovery for the duration of 40:40 hr	
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	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2

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	-0.003
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	29.00	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	23	Class II	DR	1	12
	B	45	72		DR51	N-Negative	N-Negative
	C	02	16		DR52	3*02	-----
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	5	5
					DQA1	01	01
					DPB1	01:01	11:01
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)	Negative	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II (HIV Ag/Ab Combo)	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	✓	-
Procleix West Nile Virus	Non-Reactive	✓	-
Chagas Ab	Non-Reactive	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	142	148	146
Creatinine (<1.5)	1.9	6.5	6
Glucose (mg/dL) (60-150)	253	253	156
HbA1C%	5.2	-----	-----
Total bilirubin (0-1.0)	0.4	1.7	1.2
SGOT (AST) (0-40)	144	144	32
SGPT (ALT) (5-35)	175	247	65
Alkaline phosphatase (45-110)	73	73	66
Serum Amylase (23-851)	315	315	176
Serum Lipase (0-80)	77	77	52
WBC (THO/uL) (4.5-11.0)	10.57	16.89	15.66
Hgb (g/dL) (12-16)	14.3	16.2	10.9
Platelets (THO/uL) (150-350)	221	323	136
INR (<2.0)	1.31	2.02	2.02

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive: 100	Negative	Negative	Negative

Medications During Hospitalization

Steroids**	Solumedrol 1gm, Solu-Cortef 15mg/hr		
Diuretics	Lasix 100 mg, Mannitol 50gm		
T3 Protocol	-----		
T4 Protocol*	10 mcg/hr		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	DOBUTAMINE 5 MCG/KG/MIN, propofol, Fentanyl citrate 0-50 mcg/kg/min , Buspirone 30mg, Rocuronium 50 gm, Mg sulfate 2-4 gm acetaminophen 650mg, Chlorhexidine15ml,	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