

HPAP-127 Donor Summary



HPAP	127	UNOS	
Recovery OPO	DCTC- Washington Reg Transplant Community	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	53	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Hispanic/Latino	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="102"/> Hours <input type="text" value="49"/> Mins.
ABO (Rh)	O Positive	Cross Clamp Time	07/14/2022 05:35 EDT
BMI (Kg/m²)	31.003	Cold Ischemia Time*	<input type="text" value="8"/> Hours <input type="text" value="54"/> Mins.
Weight (kg)	89.6000		
Height (cm)	170.00		
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 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" value="00"/> Hours <input type="text" value="06"/> Mins.
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	No Downtime	Blood Culture	No Growth after 1 day of incubation.
Date /Time of Admission	7/09/2022 22:46 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Extensive consolidations in the basal bilateral lungs suspicious for aspiration pneumonitis.

*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	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Dad and mom	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Left ankle surgery 2011,			
Comments:	Lived in Bolivia from birth till 1996, 2011 for one week Social Hx; smoked cigarettes one pack per week for 35 years, Drinking 6 beers and 2-3 glasses of liquor on weekends for 30 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	152/71	
Average Low BP During Hospitalization	65/45	Duration: 1 H
Average BP in OR (mmHg)	120/35	
Average Low BP in OR (mmHg)	60/40	Duration: 2 M
Average HR in OR (bpm)	140	
ABG-pH range	7.21 - 7.54	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	1000	1.00	1000
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	5 mcg/min started 91:41 before organ recovery for the duration of 41 hrs. 45 mins.	
Vasopressin	-----	1.2 units/hr for the duration of 90 hrs. 22 mins.(ongoing)	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	4.5 gm (SD) started 8:29 hrs. before organ recovery	



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	0.04 units/min for the duration of 1:28 hrs.	
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	0.3 mg	Single dose
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	0.001	-0.003
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.79	

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	68	Class II	DR	4	7
	B	35	44		DR51	Negative	-----
	C	10	16		DR52	Negative	-----
	Bw4	Positive			DR53	4*01	-----
	Bw6	Positive			DQB1	2	8
			DQA1		03	03	
			DPB1		03:01	04:02	
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	Positive	✓	-
CMV IgM	Negative	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Not Done	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	140	167	145
Creatinine (<1.5)	0.7	1.1	0.7
Glucose (mg/dL) (60-150)	143	205	198
HbA1C%	5.5	-----	-----
Total bilirubin (0-1.0)	1	1.4	0.9
SGOT (AST) (0-40)	22	24	24
SGPT (ALT) (5-35)	18	20	20
Alkaline phosphatase (45-110)	92	92	75
Serum Amylase (23-851)	29	59	55
Serum Lipase (0-80)	5	8	8
WBC (THO/uL) (4.5-11.0)	9.27	18.17	10.17
Hgb (g/dL) (12-16)	14.6	18.7	11
Platelets (THO/uL) (150-350)	196	220	113
INR (<2.0)	1.2	1.2	1.1

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th
Glucose	Positive: (50)	Positive: (≥500)	Positive: (50)	Positive: (100=1+)	Positive: (50)	Positive: (150=2+)	Positive: (500=3+)

Medications During Hospitalization

Steroids**	Solumedrol 5mg/hr		
Diuretics	Lasix 20 mg, Mannitol 50-100gm		
T3 Protocol	-----		
T4 Protocol*	Yes		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Zosyn 4.5gm q6h, Dopamine 4.5 gm, KCl 20-100 mEq, Vancomycin 1gm, Cardene 2.5 mg/hr, Labetolol 10 mg, Calcium Gluconate 1gm, Linezolid 600mg, K phos 15 mmol, Levothyroxine 10mcg/hr,	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