

HPAP-120 Donor Summary



HPAP	120	UNOS		
Recovery OPO	AZOB - Donor Network of Arizona	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	63	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="137"/> Hours <input type="text" value="47"/> Mins.	
ABO (Rh)	B positive	Cross Clamp Time	04/08/2022 17:47 MST 04/08/2022 19:47 EST	
BMI (Kg/m²)	29.605	Cold Ischemia Time*	<input type="text" value="21"/> Hours <input type="text" value="22"/> Mins.	
Weight (kg)	68.4000			
Height (cm)	152			
Cause of Death	ANOXIA	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/>	
Mechanism of Injury	DEATH FROM NATURAL CAUSES	Organs Recovered	Heart <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/>	Kidney <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> 30 minutes 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 checked="" type="checkbox"/> 30 minutes No <input type="checkbox"/>	Organs Discarded	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	30 minutes	Blood Culture	48 Hour Result - NGTD	
Date /Time of Admission	04/03/2022 00:00 MST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	Consolidation at the left. Right-sided pleural effusion has improved.	

*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	2-3 Years	Lantus 20 units	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	2-3 Years	metoprolol, lisinopril, nitroglycerin	Yes
Hyperlipidemia	Yes	2-3 Years	-----	-----
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:	removal of a benign tumor from her left ribs, metal rod put in right knee d/t car accident, a neuro stimulator placed in right hip for bladder stimulation			
Comments:	Medical Hx: heart murmur as a child , diagnosed with diabetes neuropathy 2-3 years ago, Allergies to Penicillin			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	127/64	
Average Low BP During Hospitalization	104/60	Duration: 15 minutes
Average BP in OR (mmHg)	130/55	
Average Low BP in OR (mmHg)	100/49	Duration: 1 minute
Average HR in OR (bpm)	99	
ABG-pH range	7.19 – 7.69	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	300	2	600
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	4-10mcg/min started 112:52 hrs. before organ recovery for the duration of 46:47hrs	
Vasopressin	----	0.03 UNITS/HR started 54:35hrs before organ recovery for the duration of 15:12 hrs.	
Neo-Syneprine	----	100 MCG/MIN started 112:41 before organ recovery for the duration of 1:08 hrs.	
Epinephrine	-----	5 rounds Epinephrine prior arrival to hospital	
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
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Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

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	0.002
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.7	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	34	Class II	DR	8	15
	B	35	44		DR51	51	----
	C	04	----		DR52	N-Negative	----
	Bw4	Positive			DR53	N-Negative	----
	Bw6	Positive			DQB1	4	6
					DQA1	01	04
					DPB1	02:01	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	Not Done	-	-
EBV IgM	Not Done	-	-
CMV	Positive	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	Not Done	-	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Pending	✓	-
SARS-CoV-2	Negative	✓	-

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	144	159	153
Creatinine (<1.5)	0.7	0.9	0.8
Glucose (mg/dL) (60-150)	464	464	168
HbA1C%	7.1	----	----
Total bilirubin (0-1.0)	0.2	0.8	0.3
SGOT (AST) (0-40)	19	216	132
SGPT (ALT) (5-35)	13	68	20
Alkaline phosphatase (45-110)	117	184	149
Serum Amylase (23-851)	NA	NA	13
Serum Lipase (0-80)	86	NA	NA
WBC (THO/uL) (4.5-11.0)	29.6	29.6	16.5
Hgb (g/dL) (12-16)	13.8	13.8	8.4
Platelets (THO/uL) (150-350)	365	365	133
INR (<2.0)	1.25	1.39	1.33

Urinalysis

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

Medications During Hospitalization

Steroids**	Solumedrol 500 mg(x2)		
Diuretics	Lasix 40-60 mg		
T3 Protocol	----		
T4 Protocol*	----		
Insulin**	6.9 units/hr. started 106 :12 hrs. before organ recovery for the duration of 61:19 hrs. 2-7 units (x9 single doses)started 71:13 hrs. before organ recovery		
Antihypertensive	Labetalol 5 mg, Nicardipine5 mg/hr, diltiazem 5-10 mg/hr (cont)		
Vasodilators	Hydralazine 10 mg (single dose) started 129:24 hrs before organ recovery		
DDAVP**	2mcg started 58:50 hrs. before organ recovery		
Total parenteral nutrition	----		
Other	Potassium Chlorid, Zofran 4 mg, Effer-K 20 mEq, Lokelma 10g, Dextrose 50% , KCL 20mEq, Heparin 5000, Mag sulfate2 g, Na phos 30 mmol, Buspirone 10mg, famotidine 20mg, Arginine vasopressin, cefepime 2 gm, Propofol 30-50 mcg/kg/min, Isovue 75 ml, Na bicarb 50 mEq, digoxin250mcg, vancomycin 1000-1500 mg, Duoneb 3mg, Neosynephrine, Calcium chloride, Acetaminophen 650, Rocuronium	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