

HPAP-126 Donor Summary



HPAP	126	UNOS	
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	50	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Hispanic	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	68 Hours 44 Mins.
ABO (Rh)	A (A1)+	Cross Clamp Time	06/15/2022 00:57 EDT
BMI (Kg/m²)	31.01	Cold Ischemia Time*	10 Hours 14 Mins.
Weight (kg)	79.4		
Height (cm)	160.02		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	Intracranial Hemorrhage/Stroke	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 12 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> on and off 60 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	Not documented	Blood Culture	Pending (24 hr result)
Date /Time of Admission	6/12/2022 04:13 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Stable chest with pulmonary edema and bibasilar consolidation Diffuse bilateral pulmonary opacities greatest in the lower lobes.

*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(? prediabetic)	1 month	Metformin	Yes
History of cancer	-----	-----	-----	-----
CAD				
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	R wrist-carpal tunnel release May 2022, Hysterectomy, Fibroid removal 7 years ago, c-section 12 years ago, Appendectomy 10 years ago, wart removal from foot 1 month ago, R eye removal 50 years ago			
Comments:	<p>Medical Hx: Right eye injury at birth with prosthesis, anxiety, HLD, IBS, paresthesia of left foot, lumbar radiculopathy, DVT, hypothyroidism, uterine fibroid, pre-diabetic on metformin, GERD, carpal tunnel syndrome, cubital tunnel syndrome on the left, covid recovered fall of 2020, Pfizer covid vaccinated and boosted, rectal bleeding with internal hemorrhoids, endometriosis, cystitis with hematuria, varicose veins, diagnosed with fatty liver -unk who diagnosed her</p> <p>Medication Hx: Synthroid 100mcg, Imodium, Multivitamin,</p> <p>Social Hx: Drank wine 1 glass on Christmas since age 21.</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	119/65	
Average Low BP During Hospitalization	52/38	Duration: 1 min.
Average BP in OR (mmHg)	120/70	
Average Low BP in OR (mmHg)	102/49	Duration: 3 min.
Average HR in OR (bpm)	85	
ABG-pH range	7.156 – 7.383	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	30 mcg/min started 50.03 hrs. before organ recovery.	
Vasopressin	-----	0.04 - 1 units/min started 50.00 hrs. before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	40-180 mcg/min started 59:27 hrs. before organ recovery	
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)	-----	20 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	24,000	-----

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	0.002	-0.002
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	11.16	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	01	32	Class II	DR	01	07
	B	14(65)	35		DR51	N-Negative	N-Negative
	C	04	08		DR52	N-Negative	N-Negative
	Bw4	Negative			DR53	53	N-Negative
	Bw6	Positive			DQB1	2	5
					DQA1	01	02
					DPB1	02:01	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	Negative	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	-	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	150	146
Creatinine (<1.5)	1.1	1.2	0.7
Glucose (mg/dL) (60-150)	268	268	213
HbA1C%	6.6	-----	-----
Total bilirubin (0-1.0)	0.4	0.8	0.5
SGOT (AST) (0-40)	121	121	46
SGPT (ALT) (5-35)	125	125	23
Alkaline phosphatase (45-110)	70	70	47
Serum Amylase (23-851)	207	374	80
Serum Lipase (0-80)	15	15	5
WBC (THO/uL) (4.5-11.0)	24.2	32.4	19.3
Hgb (g/dL) (12-16)	13.1	14.2	9.3
Platelets (THO/uL) (150-350)	341	341	122
INR (<2.0)	1.1	1.2	1.1

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th
Glucose	250	250	100	Trace	Trace

Medications During Hospitalization

Steroids**	Methylprednisolone 2gm,		
Diuretics	Furosemide 40 mcg x 2 doses, Mannitol 50 gm		
T3 Protocol	-----		
T4 Protocol*	40 mcg/hr		
Insulin**	Insulin aspart 20 units		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Propofol 50mcg/kg, Ancef 1g, Fortaz 1g, Mg sulfate 40 meq, Potassium Phosphate, Sodium Bicarbonate, Fentanyl 50mcg, Midazolam 5mg, Duoneb, Pepcid 20mg, Keppra 3000mg, Cefazolin 2g, Levothyroxine 20U, Vasopressin 1 unit	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