



HPAP -174- Donor Summary

HPAP	174	UNOS	
Recovery OPO	PADV- Gift of Life Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	57	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Hispanic or 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	189 Hours 39 Mins.
ABO (Rh)	O Positive	Cross Clamp Time	04/09/2024 21:39
BMI (Kg/m²)	29.77	Cold Ischemia Time*	14 Hours 03 Mins.
Weight (kg)	64.6 kg		
Height (cm)	147.32		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/Belzer Cold Storage/Viaspan/SPS-1
Mechanism of Injury	Intracranial Hemorrhage /Stroke	Organs Recovered	Heart <input 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 27 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	None	Blood Culture	48 hrs.: No Growth Final : Pending
Date /Time of Admission	04/02/2024 00:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	acute lung injury with basilar opacities indicating pneumonia, potential pulmonary edema, and increased small to moderate bilateral pleural effusions

*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	No	----	----	----
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	yes	10 years	HCTZ & amlodipine	Yes
Hyperlipidemia	NA	NA	NA	NA
Autoimmune disease	NA	NA	NA	NA
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Colonoscopy, Ureteral stent placement 11/22, cystourethroscopy 11/22, finger abscess drain 9/23, Lithotripsy - kidney stones 10/22, removal of varicose veins, pessary over pelvis 5/22			
Comments:	Medical Hx: Kidney stones , Left leg edema (possible DVT) , prolapsed uterus Past Social Hx: occasional alcohol on holidays			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/69	
Average Low BP During Hospitalization	104/66	Duration: 7- 60
Average BP in OR (mmHg)	110/54	
Average Low BP in OR (mmHg)	90/50	Duration: 20 min.
Average HR in OR (bpm)	86	
ABG-pH range	7.2 – 7.4	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	1 - S PRBC and whole	----
Platelets	318 - 337	2	655
Norepinephrine (Levophed)	----	8 mcg/min started 82:24 hrs before organ recovery	
Vasopressin	----	0.01 - 3.6 units/hr started 51:32hrs. before organ recovery for the duration of 35:33 hrs.	
Neo-Syneprine	----	----	----
Epinephrine	----	2-5 MCG/MIN started 82:24 hrs before organ recovery	
Phenylephrine	----	Ongoing 10 MCG/MIN started 33:48 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-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
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	-0.002
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.45	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	24	2	Class II	DR	14	4
	B	49	61		DR51	N-Negative	N-Negative
	C	07	10		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	53
	Bw6	Positive			DQB1	7	8
			DQA1		03	05	
			DPB1		01:01	04:02	
DPA1			01	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 (VCA) IgG	Positive	✓	-
EBV (VCA) IgM	Non-Reactive	✓	-
CMV	Positive	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV (HBV NAT)	Non-Reactive	✓	-
Ultrio HCV (HCV NAT)	Non-Reactive	✓	-
Ultrio HIV (HIV NAT)	Non-Reactive	✓	-
Toxoplasma Ab	Positive	✓	-
SARS-CoV-2	Negative	✓	-

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	164	147
Creatinine (<1.5)	0.6	0.6	0.59
Glucose (mg/dL) (60-150)	109	287	189
HbA1C%	5.8	-----	-----
Total bilirubin (0-1.0)	0.4 (04/07/2024)	1.8	1.3
SGOT (AST) (0-40)	17 (04/07/2024)	22	13
SGPT (ALT) (5-35)	13 (04/07/2024)	15	11
Alkaline phosphatase (45-110)	46 (04/07/2024)	85	79
Serum Amylase (23-851)	22 (04/08/2024)	23	20
Serum Lipase (0-80)	4 (04/08/2024)	8	12
WBC (THO/uL) (4.5-11.0)	10.5	25.2	25.2
Hgb (g/dL) (12-16)	13.7	13.7	9.1
Platelets (THO/uL) (150-350)	428	428	132
INR (<2.0)	1.3 (04/08/2024)	1.3	1.3

Urinalysis

	1 st - 3 rd	4 th	5 th	6 th
Glucose	Negative	Positive: >500	Positive: >500	Positive: >500

Medications During Hospitalization

Steroids**	Methylprednisolone 2000mg		
Diuretics	Mannitol 25% 60 g (x2 doses)		
T3 Protocol	-----		
T4 Protocol*	20 mcg		
Insulin**	Insulin regular 3-20unit,		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	26 mcg (x2 doses)		
Total parenteral nutrition	-----		
Other	Levothyroxine 40MCG/hr., Ancef 1g Dobutamin 2.5 MCG/hr, Magnesium Sulfate 2g, Potassium Phosphate 30 mmol, Dextrose 25g, Ipratropium 2 units, Albuterol 2 unit, Rocuronium, Midazolam 2mcg, Propofol 40mg, Keppra 3g, Hypertonic Saline, Potassium Chloride 60 mEq, Ceftazidime 1 g,	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