



HPAP -177- Donor Summary

HPAP	177	UNOS	
Recovery OPO	PADV - Gift of Life Donor Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	51	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	African American	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="99"/> Hours <input type="text" value="54"/> Mins.
ABO (Rh)	B Positive	Cross Clamp Time	07/03/2024 03:54 EDT
BMI (Kg/m²)	39.141	Cold Ischemia Time*	<input type="text" value="07"/> Hours <input type="text" value="26"/> Mins.
Weight (kg)	110.000		
Height (cm)	167.64		
Cause of Death	CEREBROVASCULAR/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 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"/> Hours <input type="text"/> Mins. NA
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 cardiac D/T	Blood Culture	Positive: Aerobic bottle with Gram-positive cocci in clusters; Staphylococcus species, including Staphylococcus epidermidis, detected.
Date /Time of Admission	06/29/2024 00:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bibasilar R greater than L patchy opacities favored to reflect subsegmental atelectasis; however, superimposed PNA cannot be ruled out.

*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	Unknown	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	6-10 YEARS	NA	yes
Hyperlipidemia	yes	10 years	NA	Yes
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> mom	Diabetes <input checked="" type="checkbox"/> mom	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Hysterectomy - 2016			
Comments:	Medical Hx.: HTN, CVA x3, Osteoarthritis, Carpal Tunnel Syndrome, Fibromyalgia, asthma, infrequently night sweats Social Hx: Current Smoker 1.5PPD for 30+yrs, Beer 6-12 pack 2x/wk for 30+ years, Cocaine use - 2017, not IV			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	130/72	
Average Low BP During Hospitalization	69/40	Duration: 10 min.
Average BP in OR (mmHg)	120/75	
Average Low BP in OR (mmHg)	99/49	Duration: 15 min.
Average HR in OR (bpm)	80	
ABG-pH range	7.09 - 7.38	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.02mcg/kg/min continuous and 0.18 mcg/kg/min started 94:54 hrs before organ recovery, continued for 6 hrs.	
Vasopressin		0.02 mcg/hr started 50:54 hrs before organ recovery, continued for 3 hrs, and 0.1 MCG/hr ongoing.	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine		125 mcg/hr started 50:54 hrs before organ recovery, continued for 3 hrs, followed by 1.5 mcg/hr for 2 hrs.	
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	-0.004	0.007
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	3.44	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	66	68	Class II	DR	11	7
	B	64	71		DR51	N-Negative	N-Negative
	C	08	10		DR52	52	N-Negative
	Bw4	Negative			DR53	N-Negative	53
	Bw6	Positive			DQB1	7	2
			DQA1		03	05	
			DPB1		01:01	01:01	
DPA1			02	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	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	ND	-	-
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)	137	156	156
Creatinine (<1.5)	1.2	1.41	1.33
Glucose (mg/dL) (60-150)	370	370	159
HbA1C%	7	-----	-----
Total bilirubin (0-1.0)	0.7	0.7	0.5
SGOT (AST) (0-40)	25	27	22
SGPT (ALT) (5-35)	22	22	10
Alkaline phosphatase (45-110)	101	101	87
Serum Amylase (23-851)	24	24	14
Serum Lipase (0-80)	8	13	4
WBC (THO/uL) (4.5-11.0)	26.4	26.4	13.6
Hgb (g/dL) (12-16)	14.7	14.7	9.2
Platelets (THO/uL) (150-350)	446	446	184
INR (<2.0)	1.1	1.6	1.4

Urinalysis

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

Medications During Hospitalization

Steroids**	NA		
Diuretics	NA		
T3 Protocol	NA		
T4 Protocol*	NA		
Insulin**	NA		
Antihypertensive	NA		
Vasodilators	NA		
DDAVP**	1 dose of 33.6 mcg started 96:54 hrs. before organ recovery		
Total parenteral nutrition			
Other	Nicardipine continuous, Unasyn 1.5 gm, levothyroxine 40 mcg/hr ongoing	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