HPAP-152 Donor Summary

HPAP	***152***	***UNOS***	
Recovery OPO	INOP - Indiana Donor Network	**Allocation Via**	UPENN ☐ nPOD ☒
Age (years)	50	**DCD**	YES ☒ NO ☐
Race	White: Not Specified	**DBD**	YES ☐ NO ☒
Sex	M ☐ F☒	**Admission to Cross Clamp**	140 Hours 41 Mins.
ABO (Rh)	O	**Cross Clamp Time**	05/10/2023 21:13 EDT
BMI (Kg/m^2) **Weight (kg)** **Height (cm)**	32.334 79.7000 157.00	**Cold Ischemia Time***	15 Hours 30 Mins. WIT 22 mins
Cause of Death	CEREBROVASCULAR/STROKE	**Preservation Solution**	UW ☒ HTK☐ Servator B
Mechanism of Injury	INTRACRANIAL HEMORRHAGE/STROKE	**Organs Recovered**	Heart ☐ Kidney ☒ Lung ☐ Pancreas ☒ Liver ☒ Intestine ☐
Cardiac Arrest/Downtime	Yes ☒ No ☐ 2 minutes	**Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:**	____ Hours ____ Mins. NA
CPR / Time	Yes ☒ No ☐ 2 minutes	**Organs Discarded**	Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐
Total Est. Downtime	2 minutes	**Blood Culture**	24 Hour Result – No Growth
Date /Time of Admission	05/05/2023 00:32 EDT	**PHS High Risk**	YES ☐ NO ☒
		Acute Lung Injury	Mild degree of lower lung field airspace infiltrates.

***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	4 years	Diet and exercise	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	4 years		
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD ☒ Father died of heart attack at a younger age	Diabetes ☒ Mother type 2	Auto immune disease ☐	Others:
Surgical History:	sinus surgery and 2 c sections			
Comments:	Medical Hx: deep cough and mucus a week earlier Social Hx: Half a glass to one wine socially for 42 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	116/67	
Average Low BP During Hospitalization	NA	**Duration: NA**
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	**Duration: NA**
Average HR in OR (bpm)	NA	
ABG-pH range	7.43 – 7.5	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Synephrine	NA	NA	NA
Epinephrine	NA	NA	NA
Phenylephrine	NA	NA	NA
Dopamine	NA	NA	NA

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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	0.002	0.000
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	3.95	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	**A**	1	3	**Class II**	**DR**	17	15
	B	7	8		**DR51**	5*01	N-Negative
	C	07	No second antigen detected		**DR52**	3*01	N-Negative
	Bw4	Negative			**DR53**	N-Negative	N-Negative
	Bw6	Positive			**DQB1**	2	6
	[redacted]				**DQA1**	01	05
					DPB1	01:01	04:01
					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

		Hemo/Plasma Dilution Status	
Test	**Result**	**Qualified**	**Non-Qualified**
EBV IgG	Pending	✓	-
EBV IgM	Pending	✓	-
CMV	Negative	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	NA	–	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Pending	✓	-
SARS-CoV-2	Not Detected	✓	-
Coronavirus NL63	Detected!		

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	157	149
Creatinine (<1.5)	0.5	0.91	0.89
Glucose (mg/dL) (60-150)	420	420	146
HbA1C%	**10.5**	-----	-----
Total bilirubin (0-1.0)	1.2	1.2	0.3
SGOT (AST) (0-40)	18	26	26
SGPT (ALT) (5-35)	16	16	15
Alkaline phosphatase (45-110)	57	62	62
Serum Amylase (23-851)	19	25	24
Serum Lipase (0-80)	94	94	71
WBC (THO/uL) (4.5-11.0)	18.9	18.9	8.7
Hgb (g/dL) (12-16)	12.8	12.8	9.1
Platelets (THO/uL) (150-350)	227	227	184
INR (<2.0)	1	1.1	1

Urinalysis

	1st	2nd	3rd	4th
Glucose	Negative	Negative	NA	NA

Medications During Hospitalization

Steroids**	-----		
Diuretics	40mg Lasix IVP		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	N		
Other	Unasyn 3gm q6h, Fentanyl @100mcg/hr, propofol@20mcg/kg/min	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