HPAP 060 Donor Summary

HPAP	060	***UNOS***	
Recovery OPO	**CORE** Pittsburgh	**Allocation Via**	UPENN ☐ nPOD ☒
Age (years)	30	**DCD**	YES ☐ NO ☒
Race	Black or African American	**DBD**	YES ☒ NO ☐
Sex	M ☒ F☐	**Admission to Cross Clamp**	77 Hours 08 Mins.
ABO (Rh)	O+	**Cross Clamp Time**	06/20/20 17:08 EST
BMI (Kg/m²) **Weight (kg)** **Height (cm)**	26.2 85 180	**Cold Ischemia Time***	16 Hours 47 Mins.
Cause of Death	Anoxia	**Preservation Solution**	UW ☐ HTK☒ Servator H
Mechanism of Injury	Drowning	**Organs Recovered**	Heart ☒ Kidney ☒ Lung ☒ Pancreas ☒ Liver ☒ Intestine ☐
Cardiac Arrest/Downtime	Yes ☒ No ☐	**Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:**	0 Hours 14 Mins.
CPR / Time	Yes ☒ No ☐	**Organs Discarded**	Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐
Total Est. Downtime	32 minutes	**Blood Culture**	No Growth
Date /Time of Admission	06/17/2020 12:00 EST	**PHS High Risk**	YES ☐ NO ☒
		Acute Lung Injury	extensive consolidation

***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	None	------	------	------
History of cancer	------	------	------	------
CAD	------	------	------	------
Hypertension	------	------	------	------
Hyperlipidemia	------	------	------	------
Autoimmune disease	------	------	------	------
Family History	CAD ☐	Diabetes ☐	Auto immune disease ☐	Others:
Surgical History:				
Comments:	Hx of Seizure disorder approximately for one year			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	123/76	
Average Low BP During Hospitalization	85/51	**Duration: 5 min**
Average BP in OR (mmHg)	98/70	
Average Low BP in OR (mmHg)	82/44	**Duration: 1 min**
Average HR in OR (bpm)	98	
ABG-pH range	7.32 - 7.52	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	--------	10	-------
PRBCs	--------	--------	--------
Platelets	--------	--------	--------
Norepinephrine (Levophed)		4.49 mcg/kg/min Started 3 days before organ recovery for the duration of 22:14 hrs	
Vasopressin	--------	--------	--------
Neo-Synephrine	--------	--------	--------
Epinephrine		2.32 mcg/kg/min Started 3 days before organ recovery for the duration of 34.07 hrs	
Phenylephrine	--------	--------	--------
Dopamine	--------	--------	--------

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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	275	**2**	550
PRBCs	--------	--------	--------
Platelets	--------	--------	--------
Norepinephrine (Levophed)	--------	--------	--------
Vasopressin	--------	--------	--------
Neo-Synephrine (phenylephrine)	--------	100 mcg	--------
Epinephrine	--------	--------	--------
Dopamine	--------	--------	--------
Heparin	--------	30,000	--------

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
Positive (index 3.3)	**Neg.**

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	23	0	- 0.001	- 0.001
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	14.18	ND

*Sample obtained at time of organ recovery

HLA (OPO)*

Class 1	**A**	3	36	**Class II**	**DR**	11	15
	B	44	57		**DR51**	51	---
	C	04	06		**DR52**	52	---
	Bw4	Positive			**DR53**	Negative	Negative
	Bw6	Negative			**DQB1**	6	7
	[redacted]				**DQA1**	01	05
					DPB1	01:01	02:01
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	**A**	03:01	36:01	**Class II**	**DRB1**	11:01	15:03
	B	44:03	57:01		**DRB3**	02:02	-----
	C	04:01	06:02		**DRB4**	-----	-----
					DRB5	-----	01:01
					DQB1	03:01	06:02
					DQA1	01:02	05:05
					DPB1	01:01	02:01
					DPA1	01:03	02:01

*HLA typing performed using NGS

Infectious Disease Serology

		Hemo/Plasma Dilution Status	
Test	**Result**	**Qualified**	**Non-Qualified**
EBV IgG	Positive	✓	-
EBV IgM	Negative	✓	-
CMV Total	Positive	✓	-
CMV IgM	Negative	✓	-
HBcAb	NR	✓	-
HBsAg	NR	✓	-
HCV Ab	NR	✓	-
HIV I/II	NR	✓	-
Syphilis	Non Reactive	✓	-
Procleix Ultrio	NR	✓	-
Ultrio HBV	-	-	-
Ultrio HCV	-	-	-
Ultrio HIV	-	-	-
Toxoplasma Ab	Negative	✓	-
SARS-COV-02	Not detected	✓	-

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	147	147
Creatinine (<1.5)	1.35	6.3	6.3
Glucose (mg/dL) (60-150)	296	296	134
HbA1C%	4.9	-	-
Total bilirubin (0-1.0)	0.5	0.9	0.7
SGOT (AST) (0-40)	72	406	139
SGPT (ALT) (5-35)	47	108	67
Alkaline phosphatase (45-110)	86	86	45
Serum Amylase (23-851)	148	148	47
Serum Lipase (0-80)	33	75	-
WBC (THO/uL) (4.5-11.0)	4.6	20.6	19.1
Hgb (g/dL) (12-16)	15.7	15.7	7.1
Platelets (THO/uL) (150-350)	57	81	66
INR (<2.0)	3.8	3.8	1.4

Urinalysis

	1st	2nd	3rd	4th
Glucose	Positive 2+	Positive 1+	Negative	

Medications During Hospitalization

Steroids**	----		
Diuretics	----		
T3 Protocol	----		
T4 Protocol*	Yes, Regular Insulin (20u), Synthroid 20 mcg , Solumedrol (2 gms,), 25 gm D50 W		
Insulin**	Lispro insulin 6 units		
Antihypertensive	----		
Vasodilators	----		
DDAVP**	----		
Total parenteral nutrition	----		
Other		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