HPAP040 Donor Summary

HPAP	*040*	***UNOS AGFA482***	
Recovery OPO	GLDP	**Allocation Via**	UPENN ☒ nPOD ☐
Age (years)	35	**DCD**	YES ☐ NO ☒
Race	Caucasion	**DBD**	YES ☒ NO ☐
Sex	M ☒ F☐	**Admission to Cross Clamp**	49 Hours 44 Mins.
ABO (Rh)	AB+	**Cross Clamp Time**	06/02/2019 22:48 EST
BMI (Kg/m²) **Weight (kg)** **Height (cm)**	23.98 75.8 177.8	**Cold Ischemia Time***	11 Hours 32 Mins.
Cause of Death	C VA / Stroke	**Preservation Solution**	UW ☒ HTK☐
Mechanism of Injury	Intracranial Hemorrhage	**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 24 Mins.
CPR / Time	Yes ☐ No ☒	**Organs Discarded**	Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐
Total Est. Downtime	0	**Blood Culture**	No Growth
Date /Time of Admission	5/31/2019 21:04 EST	**PHS High Risk**	YES ☐ NO ☒
		Acute Lung Injury	No ARDS

***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	None	----------	----------	----------
CAD	None	----------	----------	----------
Hypertension	None	----------	----------	----------
Hyperlipidemia	None	----------	----------	----------
Autoimmune disease	None	----------	----------	----------
Family History	CAD ☐	Diabetes ☒ Father	Auto immune disease ☐	Others:
Surgical History:	None			
Comments:	----------			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	135/80	
Average Low BP During Hospitalization	60/32	**Duration: 30 minutes**
Average BP in OR (mmHg)	115/70	
Average Low BP in OR (mmHg)	57/33	**Duration: 1 minute**
Average HR in OR (bpm)	115	
ABG-pH range	7.42 – 7.29	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----------	----------	----------
PRBCs	----------	----------	----------
Platelets	----------	----------	----------
Norepinephrine (Levophed)	----------	10 mcg/min 24 hours before OR	
Vasopressin	----------	0.04 units/min 24 hours before OR	
Neo-Synephrine	----------	----------	----------
Epinephrine	----------	----------	----------
Phenylephrine	----------	----------	----------
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

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	0.003	0.004
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	7.01	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	**A**	11	30	**Class II**	**DR**	01:03	7
	B	13	35		**DR51**	Negative	Negative
	C	04	06		**DR52**	Negative	Negative
	Bw4	Positive			**DR53**	53	53
	Bw6	Positive			**DQB1**	2	5
	[redacted]				**DQA1**	01	02
					DPB1	04:01	04:01
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	**A**	11:01	30:01	**Class II**	**DRB1**	01:03	07:01
	B	13.02	35.01		**DRB3**	----------	----------
	C	04:01	06:02		**DRB4**	----------	01:03
					DRB5	----------	----------
					DQB1	02:02	05:01
					DQA1	01:01	02:01
					DPB1	04:01	----------
					DPA1	01:03	---------

*HLA typing performed using NGS

Infectious Disease Serology

		Hemo/Plasma Dilution Status	
Test	**Result**	**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	✓	----------

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	139	155	146
Creatinine (<1.5)	1.21	1.21	1.03
Glucose (mg/dL) (60-150)	124	242	242
HbA1C%	5.4	----------	----------
Total bilirubin (0-1.0)	0.6	1.0	0.6
SGOT (AST) (0-40)	67	83	76
SGPT (ALT) (5-35)	53	53	42
Alkaline phosphatase (45-110)	61	61	52
Serum Amylase (23-851)	88	88	39
Serum Lipase (0-80)	146	214	81
WBC (THO/uL) (4.5-11.0)	11.5	19.8	19.8
Hgb (g/dL) (12-16)	13.4	13.4	13.4
Platelets (THO/uL) (150-350)	256	256	201
INR (<2.0)	1.27	1.39	1.39

Urinalysis

	1st	2nd	3rd	4th
Glucose	100	>1000	----------	----------

Medications During Hospitalization

Steroids**	----------		
Diuretics	----------		
T3 Protocol	----------		
T4 Protocol*	10 mcg/hr started 24 hours before OR		
Insulin**	----------		
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