HPAP036 Donor Summary

HPAP	*036*	***UNOS***	
Recovery OPO	Indiana Donor Network	**Allocation Via**	UPENN ☐ nPOD ☒
Age (years)	23	**DCD**	YES ☐ NO ☒
Race	Caucasian	**DBD**	YES ☒ NO ☐
Sex	M ☐ F☒	**Admission to Cross Clamp**	52 Hours 15 Mins.
ABO (Rh)	O	**Cross Clamp Time**	1/21/2019 18:23 EST
Height (cm) **Weight (kg)** **BMI (Kg/m^2)**	175.00 49.00 16.00	**Cold Ischemia Time***	17 Hours 27 Mins.
Cause of Death	Head Trauma	**Preservation Solution**	UW ☐ HTK☒
Mechanism of Injury	Blunt Injury (Homicide)	**Organs Recovered**	Heart ☐ Kidney ☒ Lung ☒ Pancreas ☒ Liver ☒ Intestine ☐
Cardiac Arrest/Downtime	Yes ☒ UNKNOWN No ☐	**Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:**	0 Hours 7 Mins.
CPR / Time	Yes ☒ 29 Minutes No ☐	**Organs Discarded**	Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐
Total Est. Downtime	Unknown	**Blood Culture**	No Growth
Date /Time of Admission	01/19/2019 2:08 EST	**PHS High Risk**	YES ☒ IVDA 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 ☒ Maternal grandmother	Auto immune disease ☐	Others:
Surgical History:				
Comments:				

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	128/99	
Average Low BP During Hospitalization	89/58	**Duration: 15 minutes**
Average BP in OR (mmHg)	96/53	
Average Low BP in OR (mmHg)	88/52	**Duration: 15 minutes**
Average HR in OR (bpm)	105	
ABG-pH range	7.27 – 7.45	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	----------	----------
PRBCs	None	----------	----------
Platelets	None	----------	----------
Norepinephrine (Levophed)	----------	----------	----------
Vasopressin	----------	----------	----------
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	----------
Mannitol	----------	25gms	----------

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
Negative	Negative

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	0.006
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.12	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	**A**	2	30	**Class II**	**DR**	7	11
	B	13	35		**DR51**	Negative	Negative
	C	04	06		**DR52**	Positive	Positive
	Bw4	Positive			**DR53**	Positive	Positive
	Bw6	Positive			**DQB1**	2	7
	[redacted]				**DQA1**	02	05
					DPB1	04:01	----------
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	**A**	02:01	30:01	**Class II**	**DRB1**	11:04	07:01
	B	13:02	35:02		**DRB3**	02:02	----------
	C	04:01	06:02		**DRB4**	----------	01:03
					DRB5	----------	----------
					DQB1	02:02	03:01
					DQA1	02:01	05:05
					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 Total Ab	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)	140	180	156
Creatinine (<1.5)	0.6	0.86	0.3
Glucose (mg/dL) (60-150)	107	322	197
HbA1C%	5.2	----------	----------
Total bilirubin (0-1.0)	1.1	1.1	0.9
SGOT (AST) (0-40)	41	41	14
SGPT (ALT) (5-35)	17	19	9
Alkaline phosphatase (45-110)	33	41	37
Serum Amylase (23-851)	43	49	49
Serum Lipase (0-80)	15	32	31
WBC (THO/uL) (4.5-11.0)	11.2	21.8	21.8
Hgb (g/dL) (12-16)	11.6	11.6	10.5
Platelets (THO/uL) (150-350)	216	256	176
INR (<2.0)	1.2	1.99	1.89

Urinalysis

	1st	2nd	3rd	4th
Glucose	Negative	Positive (150)	Positive (30)	----------

Medications During Hospitalization

Steroids**	----------		
Diuretics	----------		
T3 Protocol	----------		
T4 Protocol*	Yes – start date unknown		
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