HPAP014 Donor Summary

HPAP	014	**UNOS**	
Recovery OPO	GLDP	**Allocation Via**	UPENN ☒ nPOD ☐
Age (years)	43	**DCD**	YES ☐ NO ☒
Race	Caucasian	**DBD**	YES ☒ NO ☐
Sex	Female	**Admission to Cross Clamp**	79 hrs. 45 mins
ABO (Rh)	AB+	**Cross Clamp Time**	Date: 8/25/17 Time: 10:42 AM EST
BMI (Kg/m²)	30.93	**Cold Ishemia Time***	5 hours 54 mins.
Cause of Death	Anoxia	**Preservation Solution**	UW ☒ HTK ☐
Mechanism of Injury	Drug Intoxication	**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 7 mins.
CPR / Time	Yes ☒ 30 – 35 mins No ☐	**Organs Discarded**	Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐
Total Est. Downtime	35 mins.	**Blood Culture**	No growth
Date /Time of Admission	8/22/2017 @02:57 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	----------	----------	----------
Cancer	None	----------	----------	----------
CAD	None	----------	----------	----------
Hypertension	None	----------	----------	----------
Hyperlipidemia	Non Known	----------	----------	----------
Autoimmune disease	None	----------	----------	----------
Family History	CAD ☒ Father CABG x5	Diabetes ☐	Auto immune disease ☐	Others:
Surgical History:	Basal cell carcinoma--skin upper back 2002.			
Comments:				

HEMODYNAMIC PROFILE

Average BP During Hospitalization (mmHg)	125/80	
Average Low BP During Hospitalization (mmHg)	109/65	**Duration:** 60 mins.
Average BP in OR (mmHg)	95/54	
Average Low BP in OR (mmHg)	63/37	**Duration**: 5 mins.
Average HR in OR (bpm)	90	
ABG-pH range	6.98 ---7.33	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	----------	----------
PRBCs	None	----------	----------
Platelets	None	----------	----------
Norepinephrine (Levophed)	None	----------	----------
Vasopressin	0.01 units/min for ≃ 8 hrs.		----------
Neo-Synephrine	None	----------	----------
Epinephrine	None	----------	----------
Phenylephrine	None	----------	----------
Dopamine	None	----------	----------

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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	----------	----------
PRBCs	None	----------	----------
Platelets	None	----------	----------
Norepinephrine (Levophed)	None	----------	----------
Vasopressin	None	----------	----------
Neo-Synephrine (phenylephrine)	Yes	50mcg/min in OR- during recovery ≃ 2hrs.	
Epinephrine	None	----------	----------
Dopamine	None	----------	----------
Heparin			

Initial Autoantibody Screening (nPOD):

GAD-65	IA-2
Negative	Negative

Confirmatory results (University of Florida) *

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)	C-peptide (ng/ml)	Proinsulin
Results	9	0	0.000	-0.001	6.05	ND
Cut-off values	20	5	0.010	0.020	----------	----------

***Sample obtained at time of organ recovery**

HLA (OPO) *

Class 1	**A**	11	24	**Class II**	**DR**	1	4
	B	27	35		**HLADR51**	Negative	
	C	4	5		**HLADR52**	Negative	
	Bw4	Positive			**HLADR53**	Positive	
	Bw6	Positive			**DQB**	8	5
					DQA	01	03
					DPB	04:01	04:02

***HLA performed by Methodology RT – PCR**

Confirmatory HLA (UPENN) *

Class I	**A**	01:01	24:02	**Class II**	**DRB1**	01:01	04:01
	B	27:05	35:01		**DRB3**	----------	----------
	C	04:01	05:01		**DRB4**	----------	01:03
					DRB5	----------	----------
					DQB1	03:02	05:01
					DQA1	01:01	03:01
					DPB1**	04:01	04:02
					DPA1	01:03	----------

***Performed by Next Generation sequencing (NGS) **DPB1 126:01, 105:01 allele combination was not R/O**

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Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	Yes	----------
EBV IgM	Negative	Yes	----------
CMV total Hb	Negative	Yes	----------
HBcAb	Non-Reactive	Yes	----------
HBsAg	Non-Reactive	Yes	----------
HCV Ab	Non-Reactive	Yes	----------
HIV I/II	Non-Reactive	Yes	----------
Syphilis	Non-Reactive	Yes	----------
Procleix Ultrio	----------	----------	----------
Ultrio HBV	Non-Reactive	Yes	----------
Ultrio HCV	Non-Reactive	Yes	----------
Ultrio HIV	Non-Reactive	Yes	----------
Toxoplasma IgG	Negative	Yes	----------

Laboratory Panel

	Initial	Peak	Terminal
Na (135-145)	137	171	163
Creatinine (<1.5)	1.57	1.74	1.16
Glucose (60-150)	379	379	192
HbA1C%	5.7	----------	----------
Total bilirubin (0-1.0)	0.4	0.4	0.4
SGOT (AST) (0-40)	63	112	25
SGPT (ALT) (5-35)	48	72	38
Alkaline phosphatase (45-110)	61	61	59
Serum Amylase (u/L)	----------	----------	73
Serum Lipase (0-80)	----------	----------	35
WBC (THO/uL)	13.4	14.2	9.8
Hgb (g/dL)	10.3	13.1	9.8
Platelets (THO/uL)	251	251	95
INR (0.8 –1.2)	1.1	1.5	1.4

Urinalysis

	1st	2nd	3rd	
Glucose	100	ND	ND	

Medications During Hospitalization

Steroids	None		
Diuretics	Lasix (100 mg) and Mannitol (50gms) in OR		
T3 Protocol	None		
T4 Protocol*	Yes – Administered over ≃20 hrs. until cross-clamp.		
Insulin**	None		
Antihypertensive	None		
Vasodilators	None		
DDAVP**	None		
Total parenteral nutrition	None		
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**