HPAP-092 Donor Summary

HPAP	**092**	**UNOS**	
Recovery OPO	One Legacy	**Allocation Via**	UPENN ☐ nPOD ☒
Age (years)	21	**DCD**	YES ☐ NO ☒
Race	Hispanic	**DBD**	YES ☒ NO ☐
Sex	M ☒ F☐	**Admission to Cross Clamp**	144 Hours 16 Min
ABO (Rh)	A+	**Cross Clamp Time**	4/16/2021 17:01 EST
BMI (Kg/m^2) **Weight (kg)** **Height (cm)**	25.59 82.20 179.07	**Cold Ischemia Time***	18 Hours 33 Mins.
Cause of Death	Head Trauma	**Preservation Solution**	UW ☒ HTK☐
Mechanism of Injury	Gunshot Wound	**Organs Recovered**	Heart ☐ Kidney ☒ Lung ☐ Pancreas ☒ Liver ☒ Intestine ☐
Cardiac Arrest/Downtime	Yes ☒ No ☐ Unknown duration	**Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:**	Hours Mins. **N/A**
CPR / Time	Yes ☒ No ☐	**Organs Discarded**	Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐
Total Est. Downtime	Unknown duration	**Blood Culture**	No Growth
Date /Time of Admission	4/10/2021 13:45 PDT 4/10/2021 16:45 EST	**PHS High Risk**	YES ☐ NO ☒
		Acute Lung Injury	Minimal atelectasis at the left costophrenic angle

***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	NA	NA	-----	-----
Autoimmune disease	NA	NA	-----	-----
Family History	CAD ☐	Diabetes ☐	Auto immune disease ☐	Others:
Surgical History:	L sided chest tube placed in 2015 patient born with a cataract to right eye, cataract placed lens in 2001			
Comments:	Took an unknown growth hormone in 2010.			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	133/80	
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	7.07 - 7.53	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	215-326	3	764
PRBCs	325 - 500	6	2300
Platelets	271	1	271
Norepinephrine (Levophed)	----	2.00 mcg/min(one dose) started on 4/10/21	
Vasopressin	----	0.18– 2.4 units/hrs. started on 4/10/21 DC'd on 4/14/21 for the duration of >5 hrs.	
Neo-Synephrine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	----	----
Dopamine	----	----	----

HPAP-092 Donor Summary

Blood Products/Meds Transfused Intraoperative

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

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
Positive	Negative

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results: Recovery	0	0	0.001	-0.004
Results: screening	38	0	-0.001	-0.003
Cut-off values	**20**	**5**	**0.010**	**0.020**

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	15.35	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	**A**	2	24	**Class II**	**DR**	4	4
	B	35	35		**DR51**	N-Negative	----
	C	04	04		**DR52**	N-Negative	----
	Bw4	Negative			**DR53**	53	----
	Bw6	Positive			**DQB1**	7	8
	[redacted]				**DQA1**	03	03
					DPB1	04:01	04:01
Comment:							

HPAP-092 Donor Summary

Confirmatory HLA (UPENN)*

Class 1	**A**	02:01	24:02	**Class II**	**DRB1**	04:02	04:08
	B	35:01	35:03		**DRB3**	----	----
	C	04:01	----		**DRB4**	01:03	----
					DRB5	----	----
					DQB1	03:01	03:02
					DQA1	03:01	03:03
					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	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	ND	----	----
Ultrio HBV	Negative	✓	-
Ultrio HCV	Negative	✓	-
Ultrio HIV	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	**Positive**	✓	-

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	136	148	137
Creatinine (<1.5)	0.91	9.68	2.90
Glucose (mg/dL) (60-150)	237	237	140
HbA1C%	5.6	----	----
Total bilirubin (0-1.0)	0.6	2.6	2.2
SGOT (AST) (0-40)	78	293	37
SGPT (ALT) (5-35)	49	326	129
Alkaline phosphatase (45-110)	55	55	39
Serum Amylase (23-851)	377	428	265
Serum Lipase (0-80)	78	95	95
WBC (THO/uL) (4.5-11.0)	10.5	23.7	14.2
Hgb (g/dL) (12-16)	14.8	14.8	9.0
Platelets (THO/uL) (150-350)	165	165	55
INR (<2.0)	2.00	2.00	1.20

Urinalysis

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

Medications During Hospitalization

Steroids**	Solumedrol 500 mg started on 4/12/21		
Diuretics	Lasix 160.00 mg/66 ml 4/13/21 9:00		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	5-7 units /hr started on 4/13/21 DC'd on4/10/21 15:19		
Antihypertensive	Labetalol 10-20 mg started on 4/13/21		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	levothyroxine 15-20 mcg, pepcide, Ceftriaxone, Thiamine, Zosyn 3.37gr, vancocin 750 mg, Dobutamine 0.25 mcg/kg,	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