

HPAP-139 Donor Summary



HPAP	139	UNOS	
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	22	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Caucasian	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	95 Hours 35 Mins.
ABO (Rh)	A positive (A1)	Cross Clamp Time	12/16/2022 13:13
BMI (Kg/m²)	26.52	Cold Ischemia Time*	20 Hours 41 Mins.
Weight (kg)	76.8		
Height (cm)	170.18		
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/Belzer Cold Storage/Viaspan/SPS-1
Mechanism of Injury	Drug Intoxication	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text"/> Hours <input type="text"/> Mins. NA
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	Organs Discarded	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	> 30 minutes	Blood Culture	NA
Date /Time of Admission	12/12/2022 13:38	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Persistent patchy airspace density both lung bases and faint density right perihilar region

*Cold Ischemia time is calculated from time of cross clamp to start of enzyme perfusion for islet isolation.



HPAP-139 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	None	----	----	----
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	----	----	----	----
Hyperlipidemia	----	----	----	----
Autoimmune disease	----	----	----	----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	<p>Medical Hx: viral pneumonitis from COVID 19 infection (10/21), Pt. had allergies to Bee venom, erythromycin.</p> <p>Social Hx: Smoker 1 PPD for 7 years, polysubstance abuse Marijuana (9years – current), Heroin (2 years ago), fentanyl, methamphetamine (4 years- current), suicidal and homicidal ideation while using methamphetamine</p> <p>Alcohol: Beer 2 times a year since age 21(12 pack in one sitting).</p>			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/62	
Average Low BP During Hospitalization	90/47	Duration: 15 - 60 Min.
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	6.97 – 7.42	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	----	----
Vasopressin	----	----	----
Neo-Syneprine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	----	----
Dopamine	----	5 mcg/kg/min	----



HPAP-139 Donor Summary

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	5 mcg/kg/min	-----
Heparin	-----	23040	-----

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	-0.007	0.000
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	9.43	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	02	11	Class II	DR	4	14
	B	07	27		DR51	N-Negative	N-Negative
	C	02	07		DR52	52	N-Negative
	Bw4	Positive			DR53	53	N-Negative
	Bw6	Positive			DQB1	8	5
					DQA1	01	03
					DPB1	04:02	01
Comment:							

HPAP-139 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	02:01	11:01	Class II	DRB1	04:04	14:54
	B	07:02	27:05		DRB3	02:02	-----
	C	02:02	07:02		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:02	05:03
					DQA1	01:04	03:01
					DPB1	04:01	04:02
					DPA1	01:03	-----

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		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	ND	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Positive	✓	-
SARS-CoV-2	Negative	✓	-



HPAP-139 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	134	162	155
Creatinine (<1.5)	1.3	1.3	0.65
Glucose (mg/dL) (60-150)	404	404	194
HbA1C%	5.2	-----	-----
Total bilirubin (0-1.0)	0.3	0.5	0.4
SGOT (AST) (0-40)	315	315	23
SGPT (ALT) (5-35)	276	276	62
Alkaline phosphatase (45-110)	102	125	72
Serum Amylase (23-851)	31	31	22
Serum Lipase (0-80)	14	16	14
WBC (THO/uL) (4.5-11.0)	17.1	17.1	9.3
Hgb (g/dL) (12-16)	11.8	13.7	10.5
Platelets (THO/uL) (150-350)	131	170	132
INR (<2.0)	1.2	1.2	1.2

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive (50- 149)	Negative	Negative	NA

Medications During Hospitalization

Steroids**	-----		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Versed 2mg/hr, Propofal 40mc/kg/min, Keppra500- 1000mg, Vancomycin 1000mg, Sodium Bicarbonate 2amp, Cefepime1000mg, Flagyl 500mg, Lovenox 40mg	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