

HPAP -131 Donor Summary



HPAP	131	UNOS	
Recovery OPO	TXGC - LifeGift Organ Donation Ctr	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	23	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	Hispanic/Latino	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	104 Hours 35 Mins.
ABO (Rh)	B positive	Cross Clamp Time	08/31/2022 00:35 CDT
BMI (Kg/m²)	22.507	Cold Ischemia Time*	15 Hours 56 Mins.
Weight (kg)	59.8000		
Height (cm)	163.00		
Cause of Death	HEAD TRAUMA	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
Mechanism of Injury	GUNSHOT WOUND	Organs Recovered (Other Recovered Organs: NA)	Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> minutes	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 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		Blood Culture	Pending
Date /Time of Admission	08/26/2022 16:00 CDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	There are minimal areas of opacification overlying both lower lobes possibly mucous plugging.

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



HPAP -131 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	-----	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/> maternal grandmother had CHF	Diabetes <input checked="" type="checkbox"/> Maternal grandparents	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: pt. had Seasonal allergies, dairy, grass Patient reportedly had a COVID+ test in late 2021 Social Hx: Pt was taking Methamphetamines regularly since he was 13, smoking Marijuana and 1 PPD cigarettes for 10 years. was in lockup for less than 24 hrs. rarely drank 1-2 drinks			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	140/75	
Average Low BP During Hospitalization	69 / 48	Duration: 15Min.
Average BP in OR (mmHg)	110/70	
Average Low BP in OR (mmHg)	72/44	Duration: 5 Min.
Average HR in OR (bpm)	91	
ABG-pH range	7.26 – 7.6	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	1 - 5 PRBC and whole
PRBCs	-----	-----	X 3
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	4 MCG/min started 95:05 hrs. for the duration of 5:30:00 hrs.	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



HPAP -131 Donor Summary

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	0.04 units/min for the duration of 65 min.	
Neo-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
Positive	NA

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	-0.004	-0.002
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	6.53	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	2	Class II	DR	8	17
	B	35	51		DR51	N-Negative	N-Negative
	C	04	15		DR52	52	-----
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	2	4
			DQA1		04	05	
			DPB1		01:01	04:02	
Comment:							

HPAP -131 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	02:01	-----	Class II	DRB1	03:01	08:02
	B	35:12	51:01		DRB3	01:01	-----
	C	04:01	15:02		DRB4	-----	-----
					DRB5	-----	-----
					DQB1	02:01	04:02
					DQA1	04:01	05:01
					DPB1	04:02	162:01
					DPA1	01:03	02:01

*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	Negative	✓	-
SARS-CoV-2	Negative	✓	-



HPAP -131 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	138	162	142
Creatinine (<1.5)	1	1.2	0.5
Glucose (mg/dL) (60-150)	107	201	155
HbA1C%	5.1	-----	-----
Total bilirubin (0-1.0)	0.4	2.2	0.5
SGOT (AST) (0-40)	48	50	14
SGPT (ALT) (5-35)	17	19	12
Alkaline phosphatase (45-110)	88	89	59
Serum Amylase (23-851)	27	NA	NA
Serum Lipase (0-80)	47	NA	NA
WBC (THO/uL) (4.5-11.0)	14.5	14.5	8.09
Hgb (g/dL) (12-16)	12.9	16.6	7.3
Platelets (THO/uL) (150-350)	177	177	88
INR (<2.0)	1.41	1.87	1.14

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th
Glucose	Positive: 100	Negative	Negative	Negative	Negative

Medications During Hospitalization

Steroids**	Yes, 300mg then 100mg q8		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	50 ml/hr intraoperative for the duration of 57 min		
Insulin**	-----		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	Arginine Vasopressin, Zosyn 3.375g q 8 , lovenox 40mg q 12	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