

HPAP -167- Donor Summary



HPAP	167	UNOS	
Recovery OPO	TXSB - Southwest Transplant Alliance	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 or Latino	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	259 Hours 27 Mins.
ABO (Rh)	A+ (A1)	Cross Clamp Time	11/13/2023 18:13 CDT
BMI (Kg/m²)	24.282	Cold Ischemia Time*	20 Hours 43 Mins.
Weight (kg)	56.1000		
Height (cm)	152.00		
Cause of Death	MULTI-SYSTEM FAILURE	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Servator-B
Mechanism of Injury	DEATH FROM NATURAL CAUSES	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 6 minutes cardiac arrest in ER	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"/> 6 minutes	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	6 minutes cardiac arrest	Blood Culture	11/2/23: Positive for Gram variable Bacillus 11/10/23: pending . No growth to date
Date /Time of Admission	11/02/2023 22:46 CDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bilateral lung opacities indicate potential pulmonary edema or pneumonia with vascular congestion.

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



HPAP -167- Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T1D	1 month (0-5 years)	Insulin	Yes
History of cancer	----	----	----	----
CAD	----	----	----	----
Hypertension	yes	1 month (0-5 years)	propranolol	NA
Hyperlipidemia	----	----	----	----
Autoimmune disease	Hashimoto's thyroiditis	1 month (0-5 years)	methimazole	yes
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: G2P2, Hyperthyroidism TSH receptor + & TPO antibody IgG > 1000, allergic to cinnamon, Newly diagnosed type 1 diabetes, anti-GAD+ in Aug 2023			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	154/86	
Average Low BP During Hospitalization	110 / 60	Duration: 15 min.
Average BP in OR (mmHg)	96/60	
Average Low BP in OR (mmHg)	40/0	Duration: 1 min.
Average HR in OR (bpm)	100	
ABG-pH range	7.27 – 7.42	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	----	3 MCG/MIN Started 260:15 hrs. before organ recovery for the duration of 20:47 hrs.	
Vasopressin	----	----	----
Neo-Syneprine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	----	----
Dopamine	----	----	----



HPAP -167- Donor Summary

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	20 mcg/min	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	100 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
NA	NA

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	494	7	0.337	-0.003
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.07	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	24	68	Class II	DR	4	13
	B	39	53		DR51	N-Negative	N-Negative
	C	04	04		DR52	52	-----
	Bw4	Positive			DR53	53	-----
	Bw6	Positive			DQB1	6	8
			DQA1		01	03	
			DPB1		14:01	14:01	
DPA1			02	02			
Comment:							

HPAP -167- Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	24:02	68:02	Class II	DRB1	04:07	13:02
	B	39:05	53:01		DRB3	03:01	-----
	C	04:01	-----		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:02	06:04
					DQA1	01:02	03:01
					DPB1	14:01	-----
					DPA1	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	Positive	✓	-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	Non-Reactive	✓	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Positive	✓	-
WNV NAT	Non-Reactive	✓	-
SARS-CoV-2	Negative	✓	-



HPAP -167- Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	119	160	146
Creatinine (<1.5)	4.13	5.13	5.13
Glucose (mg/dL) (60-150)	705	705	207
HbA1C%	14	-----	-----
Total bilirubin (0-1.0)	0.4	1.6	0.7
SGOT (AST) (0-40)	70	1646	318
SGPT (ALT) (5-35)	34	1064	82
Alkaline phosphatase (45-110)	438	438	163
Serum Amylase (23-851)	NA	57	57
Serum Lipase (0-80)	7.42	63	63
WBC (THO/uL) (4.5-11.0)	20.5	22	22
Hgb (g/dL) (12-16)	10.9	10.9	4.9
Platelets (THO/uL) (150-350)	188	188	89
INR (<2.0)	1.1	1.3	1.2

Urinalysis

	1 st	2 nd	3 rd – 7 th	8 th
Glucose	Positive: 1000	Negative	Negative	Positive: 50

Medications During Hospitalization

Steroids**	SoluCortef 300mg x1 then 100mg q8hrs		
Diuretics	Lasix, Bume		
T3 Protocol	No		
T4 Protocol*	No		
Insulin**	Yes, started 36:13 hrs. before organ recovery		
Antihypertensive	Yes		
Vasodilators	No		
DDAVP**	No		
Total parenteral nutrition	N		
Other	Zosyn 3.375gm,	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