

HPAP-096 Donor Summary



HPAP	096	UNOS	
Recovery OPO	TXSB-Southwest Transplant Alliance	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	56	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	136 Hours 24 Mins.
ABO (Rh)	O+	Cross Clamp Time	06/13/2021 12:56 CDT
BMI (Kg/m²) Weight (kg) Height (cm)	38.7 89.4 152	Cold Ischemia Time*	19 Hours 13 Mins.
Cause of Death	Cerebrovascular/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	Intracranial Hemorrhage / Stroke	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input checked="" type="checkbox"/>	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	No Downtime	Blood Culture	No Growth
Date /Time of Admission	06/07/2021 20:32 CDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Hazy perihilar and lower lobe consolidative opacities with diminished lung volumes and left basilar air bronchogram

*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	T2DM	1 year	Unknown medication she took by mouth	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	yes	10-20 years	Unknown	yes
Hyperlipidemia	yes	Unknown	Unknown	yes
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: severe headache within the past month			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	127/60	
Average Low BP During Hospitalization	96/48	Duration: 15 minutes
Average BP in OR (mmHg)	136/70	
Average Low BP in OR (mmHg)	104/46	Duration: 1 minute
Average HR in OR (bpm)	109	
ABG-pH range	6.96 – 7.46	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	8-17 mcg/min started 5 days before organ recovery for the duration of 49:56 hrs.	
Vasopressin	-----	2.4 units/hr started 2 days before organ recovery for the duration of 38:16 hrs	
Neo-Syneprine	-----	25 mcg/min started 2 days before organ recovery	
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	0.04 units/min	-----
Neo-Syneprine (phenylephrine)	-----	110 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	13	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	1.78	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	24	24	Class II	DR	8	11
	B	62	65		DR51	N-Negative	N-Negative
	C	08	09		DR52	52	----
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	4	7
					DQA1	04	05
					DPB1	04:01	04:01
Comment:							

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Confirmatory HLA (UPENN)*

Not performed for HPAP-T2D program

Class 1	A			Class II	DRB1		
	B				DRB3		
	C				DRB4		
					DRB5		
					DQB1		
					DQA1		
					DPB1		
					DPA1		

*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	Non-Reactive	✓	-
Procleix Ultrio	Non-Reactive	-----	-----
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
SARS-CoV-2	Negative	✓	-



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	170	158
Creatinine (<1.5)	0.56	1.8	1.7
Glucose (mg/dL) (60-150)	230	382	160
HbA1C%	7.7	-----	-----
Total bilirubin (0-1.0)	1.3	1.3	0.4
SGOT (AST) (0-40)	80	90	90
SGPT (ALT) (5-35)	62	62	34
Alkaline phosphatase (45-110)	124	143	84
Serum Amylase (23-851)	-----	-----	-----
Serum Lipase (0-80)	-----	-----	-----
WBC (THO/uL) (4.5-11.0)	11	20.7	8.1
Hgb (g/dL) (12-16)	14.7	14.7	9.6
Platelets (THO/uL) (150-350)	197	295	134
INR (<2.0)	1	1.6	1.4

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive:>1000	Positive:>50	Negative	Negative

Medications During Hospitalization

Steroids**	Solucortef 300 mg (SD) , 100 mg q8 for the duration of 24 hrs.		
Diuretics	Lasix 60 mg		
T3 Protocol	-----		
T4 Protocol*	-----		
Insulin**	11.75 units/hr (Duration: gtt) begin date: 6/12/2021 01:00, end date: 06/13/2021 11:45		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	-----		
Total parenteral nutrition	-----		
Other	albuterol 2.5 mg q4, Zocyn 3.375gm q6 , vancomycin 1250 mg q12	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