



HPAP -142 Donor Summary

HPAP	142	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	43	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Race	Hispanic	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	126 Hours 08 Mins.	
ABO (Rh)	O Positive	Cross Clamp Time	01/24/2023 13:17 EST	
BMI (Kg/m ²)	23.48	Cold Ischemia Time*	2 Hours 34 Mins.	
Weight (kg)	68			
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	Cardiovascular	Organs Recovered	Heart <input 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"/> 15 minutes	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<div> <input type="text"/> Hours <input type="text"/> Mins. </div> NA	
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 10 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	15 minutes	Blood Culture	Growth Klebsiella pneumoniae (from aerobic bottle only) Gram Negative Bacilli Aerobic Bottle Only	
Date /Time of Admission	01/18/2023 23:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	No pneumothorax. No sizable pleural effusions. No focal opacity.	

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



HPAP -142 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2DM	0-5 years	-----	uncontrolled
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:	Unknown			
Comments:	Medical Hx: uncontrolled DM (recent admission to Virtua Hospital on 1/6/2023) Social Hx: No drug or alcohol used for the past 6 months, previous cocaine use			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	125/65	
Average Low BP During Hospitalization	93/41	Duration: 2- 60 min
Average BP in OR (mmHg)	120/60	
Average Low BP in OR (mmHg)	105/54	Duration: 5 min.
Average HR in OR (bpm)	95	
ABG-pH range	7.48 – 7.53	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)		22 mcg/min started 125:04 hrs before Forgan recovery	
Vasopressin	-----	0.03 units/min started 125:04 hrs. before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	2 mcg/min started 125:03 hrs. before organ recovery	
Phenylephrine	-----	50 mcg/min started 125:04 hrs. before organ recovery	
Dopamine	-----	-----	-----



HPAP -142 Donor Summary

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	175 mcg/kg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA

Not performed for HPAP-T2D program

GAD-65	IA-2
ND	ND

Confirmatory results: Radioimmuno Assay (RIA)

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

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.83	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	02	24	Class II	DR	7	16
	B	35	45		DR51	51	N-Negative
	C	04	16		DR52	N-Negative	N-Negative
	Bw4	Negative			DR53	53	N-Negative
	Bw6	Positive			DQB1	2	7
			DQA1		03	05	
			DPB1		02:01	105:01	
		DPA!	01	03			
Comment:							

HPAP -142 Donor Summary



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	ND	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Positive	✓	-
SARS-CoV-2	Negative	✓	-



HPAP -142 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	126	143	143
Creatinine (<1.5)	0.76	0.99	0.43
Glucose (mg/dL) (60-150)	328	469	168
HbA1C%	ND	9.9	ND
Total bilirubin (0-1.0)	2.8	5.8	3.8
SGOT (AST) (0-40)	34	256	60
SGPT (ALT) (5-35)	46	132	62
Alkaline phosphatase (45-110)	129	228	159
Serum Amylase (23-851)	ND	16	10
Serum Lipase (0-80)	ND	9	3
WBC (THO/uL) (4.5-11.0)	26.6	53.8	28.4
Hgb (g/dL) (12-16)	14	14	7.9
Platelets (THO/uL) (150-350)	237	237	55
INR (<2.0)	1.4	1.5	1.4

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	1000	50	Abnormal	ND

Medications During Hospitalization

Steroids**	Methylprednisolone 1- 2gm, Hydrocortisone 50 mg (11 doses)		
Diuretics	Furosemide 40 mg started 71:00 hrs. before organ recovery for the duration of 18 min. Mannitol 50 gm, Lasix 40 mgs (intraoperative)		
T3 Protocol	-----		
T4 Protocol*	40 mcg/hr		
Insulin**	Insulin Regular started 74:17 hrs. before organ recovery Insulin Regular, 12 units started 29:17 hrs. before organ recovery		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	2 mcg(1 dose) started 118.17 hrs. before organ recovery		
Total parenteral nutrition	-----		
Other	Ancef 1 gm, Acetaminophen 650-1000mg, sodium phosphate 30 mmol, Ceftriaxone 2 gm, Ceftriaxone 2mcg,	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