



HPAP-146 Donor Summary

HPAP	146	UNOS	
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	27	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	African American	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	66 Hours 19 Mins.
ABO (Rh)	O Positive	Cross Clamp Time	03/15/2023 17:19 EDT
BMI (Kg/m²)	28.31	Cold Ischemia Time*	18 Hours 17 Mins.
Weight (kg)	96		
Height (cm)	184.15		
Cause of Death	Head Trauma	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/Belzer Cold Storage/Viaspan/SPS-1
Mechanism of Injury	Gunshot Wound	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"/> 4 min CPR in ED to ROSC, 2epi	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 0 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 4 min	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	4 min	Blood Culture	No Growth, Day 5
Date /Time of Admission	03/12/2023 23:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	left pleuroparenchymal opacity. No pneumothorax

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



HPAP-146 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	None (control)	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Mother, maternal aunt	Diabetes <input checked="" type="checkbox"/> Maternal grandmother, maternal uncles and aunt	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: Allergic to Novocain, heart murmur as a child, never treated, Social Hx: drinking beer/liquor, 3 drinks 2-3 times per week since age 21 Smoking Hx: smoked ¼ PPD cigarettes for 9-10 years drug Hx: Snorted Cocaine 2 years (sporadically), Marijuana 5 years (daily)			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	120/61	
Average Low BP During Hospitalization	74/42	Duration: 60 min.
Average BP in OR (mmHg)	120/55	
Average Low BP in OR (mmHg)	30/20	Duration: 1 min.
Average HR in OR (bpm)	115	
ABG-pH range	7.12 – 7.38	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	10 mcg/kg/min started 63:19 hrs. before organ recovery for the duration of 28:00 hrs.	
Vasopressin	-----	1 - 2.4 units/hr. started 47:19 hrs. before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

HPAP-146 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	50 mcg/hr	-----
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	0	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	9.56	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	11	36	Class II	DR	11	11
	B	51	53		DR51	N-Negative	N-Negative
	C	04	15		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Negative			DQB1	7	6
			DQA1		01	05	
			DPB1		02:01	03:01	
			DPA1		01	01	
Comment:							

HPAP-146 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	11:01	36:01	Class II	DRB1	11:01	-----
	B	51:01	53:01		DRB3	02:02	-----
	C	04:01	15:02		DRB4	-----	-----
					DRB5	-----	-----
					DQB1	03:01	06:02
					DQA1	01:02	05:05
					DPB1	02:01	03:01
					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	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	Non- Reactive	✓	-
Ultrio HCV	Non- Reactive	✓	-
Ultrio HIV	Non- Reactive	✓	-
Toxoplasma Ab	NA	-	-
SARS-CoV-2	Negative	✓	-



HPAP-146 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	161	144
Creatinine (<1.5)	1.1	1.4	1
Glucose (mg/dL) (60-150)	288	342	342
HbA1C%	5.5	-----	-----
Total bilirubin (0-1.0)	0.9	0.9	0.3
SGOT (AST) (0-40)	148	148	29
SGPT (ALT) (5-35)	98	98	43
Alkaline phosphatase (45-110)	75	76	59
Serum Amylase (23-851)	86	208	59
Serum Lipase (0-80)	33	33	10
WBC (THO/uL) (4.5-11.0)	13.1	15.9	14.6
Hgb (g/dL) (12-16)	13.1	14.3	9.4
Platelets (THO/uL) (150-350)	173	173	91
INR (<2.0)	1.3	1.5	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	150	50	>500	NA

Medications During Hospitalization

Steroids**	-----
Diuretics	Lasix 80 mgs, Mannitol 50 gms
T3 Protocol	-----
T4 Protocol*	20-40 mcg started 40:49 hrs before organ recovery
Insulin**	Insulin regular 20 units, Insulin aspart 5 units started 16:30hrs. before organ recovery
Antihypertensive	Nicardipine 5 mg/hr started 64:49 hrs before organ recovery for the duration of 21:30hrs, Labetolol 20 mg started 20 :57 before organ recovery
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	-----
Other	Methylprednisolone 2gm, Cefepime 1gm, Detxtrose50%, Calcium Gluconate 1gm
	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