



HPAP-095 Donor Summary

HPAP	095	UNOS	
Recovery OPO	GLDP- Gift of Life Donor Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	23	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	166 Hours 46 Mins.
ABO (Rh)	O+	Cross Clamp Time	06/01/2021 22:16 EDT
BMI (Kg/m²)	34.32	Cold Ischemia Time*	12 Hours 57 Mins.
Weight (kg)	90.7		
Height (cm)	162.56		
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> Storage/Viaspan/SPS-1
Mechanism of Injury	Cardiovascular	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"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 6 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 22 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	37 minutes	Blood Culture	No Growth
Date /Time of Admission	05/25/2021 23:30 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	There is no pleural effusion or pneumothorax

*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	None	----	----	----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Oral surgery - 4 wisdom teeth removed Abortion x2 2014,2011.			
Comments:	Medical Hx: Dx with Asthma at 6 months of age, admitted 3 times a year for the last 10 years as inpatient for asthma exacerbation, Dx with Chlamydia on 12/2020 Family Hx: grandmother both sides had diabetes Medication Hx: Albuterol inhaler daily or as needed , Benadryl tab PRN Social Hx: Marijuana daily use for the last 4 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	143/74	
Average Low BP During Hospitalization	107/63	Duration: 1-60 min.
Average BP in OR (mmHg)	150/70	
Average Low BP in OR (mmHg)	110/60	Duration: 10 min.
Average HR in OR (bpm)	90	
ABG-pH range	7.13 – 7.38	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	10-250 mcg/min started 6 days before organ recovery for the duration of 50:12 hrs.	
Vasopressin	-----	-----	-----
Neo-Synephrine	-----	-----	-----
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	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	-----	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65	IA-2
Negative	Negative

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	-0.004
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.13	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	23	33	Class II	DR	13	13
	B	72	41		DR51	N-Negative	N-Negative
	C	02	17		DR52	52	52
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	6
			DQA1		01	05	
			DPB1		105:01	13:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	23:01	33:01	Class II	DRB1	13:02	13:04
	B	15:03	41:02		DRB3	03:01	02:02
	C	02:10	17:01		DRB4	-----	-----
					DRB5	-----	-----
					DQB1	06:09	03:19
					DQA1	01:02	05:05
					DPB1	13:01	105:01
					DPA1	02:01	03:01

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



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	160	148
Creatinine (<1.5)	1.21	1.37	0.83
Glucose (mg/dL) (60-150)	270	398	195
HbA1C%	4.9	-----	-----
Total bilirubin (0-1.0)	0.2	0.4	0.3
SGOT (AST) (0-40)	97	232	11
SGPT (ALT) (5-35)	79	166	37
Alkaline phosphatase (45-110)	88	147	76
Serum Amylase (23-851)	51	51	49
Serum Lipase (0-80)	30	39	36
WBC (THO/uL) (4.5-11.0)	14.1	28.2	17
Hgb (g/dL) (12-16)	9.4	12.7	7.9
Platelets (THO/uL) (150-350)	254	306	168
INR (<2.0)	1.6	1.6	1.2

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive	Negative	Negative	Negative

Medications During Hospitalization

Steroids**	-----
Diuretics	Manitol 50 gm Intraoperative
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	4-10 units started 6 days before organ recovery for the duration of 13:32 hrs
Antihypertensive	-----
Vasodilators	-----
DDAVP**	1 mcg x2 started 6 days before organ recovery for the duration of 90:16 hrs.
Total parenteral nutrition	-----
Other	<div> <div> Albuterol 20-40 mg, Propofol 20 mcg/kg/min, fentanyl 50 mcg, Vec 0.08 mg/kg, Ketamine 0.05 mg/kg, Cefepime 2gm, Potassium Acetate 40 mEq, Vancomycin 1250 mg, Duo neb 3ml, Calcium Gluconate 1gm, Sodium Bicarbonate 59 mEq, Methylprednisolone 125 mg, Heparin Sodium 5000 units, Pantoprazole 40 mg </div> <div>Specify</div> </div>

*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