



HPAP-183 Donor Summary

HPAP	183	UNOS	
Recovery OPO	GLDP, Gift of Life Donor Program	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>
Age (years)	47	DCD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Race	Hispanic	DBD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="375"/> Hours <input type="text" value="56"/> Mins.
ABO (Rh)	0 Negative	Cross Clamp Time	10/06/2024 15:56 EDT
BMI (Kg/m²)	27.46	Cold Ischemia Time*	<input type="text" value="16"/> Hours <input type="text" value="35"/> Mins. WIT: 27 min
Weight (kg)	73.7		
Height (cm)	163.83		
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/> UW/Belzer Cold Storage/Viaspan/SPS-1
Mechanism of Injury	Intracranial Hemorrhage/Stroke	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 type="checkbox"/> No <input checked="" type="checkbox"/> Asystole	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text" value="00"/> Hours <input type="text" value="17"/> Mins.
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	NA
Date /Time of Admission	09/21/2024 00:00 EDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	No parenchymal opacity, no effusions or thickening.

*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	yes	Since 2017	NA	noncompliant
Hyperlipidemia	----	----	----	----
Autoimmune disease	----	----	----	----
Family History	CAD <input checked="" type="checkbox"/> Mother	Diabetes <input checked="" type="checkbox"/> niece	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Appendectomy & Hernia Repair (2004)			
Comments:	Medical Hx: HTN (Since 2017 - noncompliant), Depression, hypothyroidism Medication Hx: Levothyroxine Social Hx: marijuana use x 32 years, 1.5 ppd smoker x 20 years Alcohol Hx: corona, margarita 2-3 drinks twice a month x 20 years			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	149/79	
Average Low BP During Hospitalization	147/77	Duration: 55-60 min.
Average BP in OR (mmHg)	DCD: 137/78 (prior to Extubation)	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	DCD: 60 (prior to Extubation)	
ABG-pH range	7.42-7.48	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	300	1	300
Platelets	----	----	----
Norepinephrine (Levophed)	----	5 mcg/min(IV) started 172:44 hrs before organ recovery for the duration of 70:12 hrs.	
Vasopressin	----	----	----
Neo-Synephrine	----	----	----
Epinephrine	----	----	----
Phenylephrine	----	25 mcg/min (IV) started 342:15 hrs before organ recovery for the duration of 11:01 hrs.	
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	-----	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	-0.008	0.002
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	2.97	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	29	33	Class II	DR	11	13
	B	39	78		DR51	N-Negative	N-Negative
	C	7	16		DR52	52	52
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	7	6
			DQA1		01	05	
			DPB1		02:01	04:01	
		DPA1	01	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	ND	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Positive	✓	-
SARS-CoV-2	Negative	✓	-

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	139	157	152
Creatinine (<1.5)	1.13	1.13	0.68
Glucose (mg/dL) (60-150)	126	148	104
HbA1C%	5.8	-----	-----
Total bilirubin (0-1.0)	0.2 (10/02/2024)	0.3	0.3
SGOT (AST) (0-40)	86 (10/02/2024)	417	372
SGPT (ALT) (5-35)	72 (10/02/2024)	340	340
Alkaline phosphatase (45-110)	188 (10/02/2024)	575	210
Serum Amylase (23-851)	45 (10/04/2024)	47	41
Serum Lipase (0-80)	33 (10/04/2024)	36	23
WBC (THO/uL) (4.5-11.0)	11.4	16.4	10.2
Hgb (g/dL) (12-16)	12.7	12.7	8.2
Platelets (THO/uL) (150-350)	263	365	323
INR (<2.0)	1	1	1

Urinalysis

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

Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	insulin lispro 1 unit x 3 doses
Antihypertensive	Continuous IV Nicardipine 5 mg/hrs. started 284:06 hrs. before organ recovery for the duration of 191:00 hrs.
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	-----
Other	<div> <div> Precedex 0.4 mcg/kg/min, Fentanyl 50 mcg/hr, Propofol 50 mcg/hr, Synthroid 150 mcg, versed 14 mg, Ancef, 2gm, (Cefazoline 1gm x 1 dose), Vancomycin 1gm(x2 doses), Cefepime 1gm(x13 doses), Zosyn 3.375gm(x6 doses), Keppra 1000 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