

HPAP-184 Donor Summary



HPAP	184	UNOS	
Recovery OPO	INOP - Indiana Donor Network	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	20	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	White: Origin not reported	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	115 Hours 42 Mins.
ABO (Rh)	O Rh	Cross Clamp Time	11/06/2024 23:42 EST
BMI (Kg/m²)	23.172	Cold Ischemia Time*	13 Hours 40 Mins.
Weight (kg)	77.6		
Height (cm)	183.00		
Cause of Death	ANOXIA	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/> Servator-H
Mechanism of Injury	CARDIOVASCULAR	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input 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 type="checkbox"/> Unknown (Asystole)	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 type="checkbox"/> CPR/ACLS initiated on arrival on OSH, duration unknown	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	Unknown	Blood Culture	Collected: 11/02/2024, 48-Hour Result: positive Gram-positive cocci; Staph aureus. Collected : 11/04/2024 No Growth at 24 hrs Final Result: pending
Date /Time of Admission	11/02/2024 04:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bilateral patchy pulmonary infiltrates remain the same or are slightly increased compared to the prior imaging study

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



HPAP-184 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T1D	7.5 years was diagnosed at age 13	Insulin- Lispro Tersiba- Long-acting insulin	Yes
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> maternal grandfather type 2	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: DMT1, ADHD and dyslipidemia, Headache on 10/29/2024, Seizures (Due to diabetes type 1), allergies Medication Hx: Clindamycin- 3 x daily for staph infection on his head ETOH Hx: Liquor and Beer a couple drinks not often x 1yr or less			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	116/76	
Average Low BP During Hospitalization	80 / 41	Duration: 15 min.
Average BP in OR (mmHg)	NA	
Average Low BP in OR (mmHg)	NA	Duration: NA
Average HR in OR (bpm)	NA	
ABG-pH range	7.1 – 7.51 Severely acidotic upon arrival, initial pH was 6.6 at outside hospital	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	Continuous 0.5-50 mcg/min, 0.5-46.9 mL/hr, Intravenous, started 119:42 hrs. before the organ recovery for the duration of 74:00 hrs. 2-11 MCG/MIN Started 54:22 hrs. before organ recovery for the duration of 15:56hrs.	
Vasopressin	-----	I.V. Continuous 0.4 units/ml. Started on 11/2/24 and stopped 47:34 hrs. before organ recovery	
Neo-Syneprine	-----	Continuous 10 mcg/min	
Epinephrine	-----	received multiple rounds of epi on OSH arrival	
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

HPAP-184 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine (Levophed)	NA	NA	NA
Vasopressin	NA	NA	NA
Neo-Syneprine (phenylephrine)	NA	NA	NA
Epinephrine	NA	NA	NA
Dopamine	NA	NA	NA
Heparin	NA	NA	NA

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	112	0.123	0.006
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	<0.02	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	3	23	Class II	DR	4	13
	B	35	51		DR51	N-Negative	N-Negative
	C	04	16		DR52	3*02	N-Negative
	Bw4	Positive			DR53	4*01	N-Negative
	Bw6	Positive			DQB1	7	8
					DQA1	03	05
					DPB1	04:02	17:01
					DPA1	01	02
Comment:							

HPAP-184 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	03:01	23:01	Class II	DRB1	04:02	13:04
	B	35:01	51:01		DRB3	02:02	-----
	C	04:01	16:01		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:02	03:19
					DQA1	03:01	05:05
					DPB1	04:02	131:01
					DPA1	01:03	02:01

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Negative	✓	-
EBV IgM	Negative	✓	-
CMV	Negative	✓	-
HBcAb	Negative	✓	-
HBsAg	Negative	✓	-
HCV Ab	Negative	✓	-
HIV I/II	Negative	✓	-
Syphilis	Negative	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Aby(IgG)	Positive	✓	-
Toxoplasma Aby(IgM)	Negative	✓	-
Strongyloides ABY	Negative	✓	-
WNV NAT	Negative	✓	-
Chagas	Negative	✓	-
SARS-CoV-2	Negative	✓	-



HPAP-184 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	154	153
Creatinine (<1.5)	1.9	1.9	1.2
Glucose (mg/dL) (60-150)	1348	1348	141
HbA1C%	12.3	-----	-----
Total bilirubin (0-1.0)	0.7	3.8	1.4
SGOT (AST) (0-40)	442	1500	118
SGPT (ALT) (5-35)	128	568	117
Alkaline phosphatase (45-110)	215	395	269
Serum Amylase (23-851)	100 (11/4/24)	100	21 (11/5/24)
Serum Lipase (0-80)	41 (11/4/24)	41	9
WBC (THO/uL) (4.5-11.0)	21.6	21.6	9.6
Hgb (g/dL) (12-16)	11.5	14	7.8
Platelets (THO/uL) (150-350)	378	410	146
INR (<2.0)	0.96	1.21	1.13

Urinalysis

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

Medications During Hospitalization

Steroids**	Solu- CORTEF injection IV 100 mg (TID started 48:11hrs before organ recovery)		
Diuretics	NA		
T3 Protocol	NA		
T4 Protocol*	NA		
Insulin**	NA		
Antihypertensive	NA		
Vasodilators	NA		
DDAVP**	1 mcg injection IV once 61:17 hrs. before organ recovery		
Total parenteral nutrition	NA		
Other	Albumin, Tylenol, Buspar, Nimbox, Diprivan, Fentanyl, Magnesium Sulfate, Sodium Bicarbonate, D5W with Potassium Chloride, D5W with sodium bicarbonate, Vancomycin, Humulin, Klorcon, , Keppra, glucagon Bacitracin, Miralax, Levophed, Versed, Zosyn, Protonix, (D50W , vasopressin, Levophed	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