



HPAP 062 UNOS Recovery OPO OHLC-Life Connection of OHIO Allocation Via UPENN □ nPOD ⋈ Age (years) 56 DCD YES ⋈ NO □ Race White DBD YES □ NO ⋈ Sex M ⋈ F □ Admission to Cross Clamp 76 Hours 3 Mins ABO (Rh) O Cross Clamp Time 07/09/2020 11:25 EST BMI (Kg/m2) 26.48 Cold Ischemia Time* 8 Hours 28 Mins Weight (kg) 83.9 Height (cm) 178.0 Cause of Death Cerebrovascular/ Stroke Preservation Solution UW □ HTK ⋈ Mechanism of Intracranial Hemorrhage/ Stroke Organs Recovered Heart □ Kidney ⋈ Lung □ Pancreas ⋈ Liver ⋈ Intestine □ Cardiac Arrest/Downtime (min) Yes □ Tom liver to pancreas removal from peritoneal cavity (min) NA CPR / Time (min) Yes ⋈ Organs Discarded Heart □ Kidney □ Lung □ Pancreas □ Liver □ Intestine □ Total Est. Downtime (min) Unknown Blood Culture Negative, No Growth Total Fine of Admission 2020-07-06 PHS High Risk Yes □ No ⋈ Acute Lung Injury None noted	i-			
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Stroke	Height (cm)	178.0		
Mechanism of Injury Intracranial Hemorrhage/Stroke Organs Recovered Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☒ Intestine ☐ Cardiac Arrest/Downtime (min) Unknown Yes ☐ From liver to pancreas removal from peritoneal cavity (min) NA CPR / Time (min) Yes ☒ Organs Discarded Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐ Total Est. Downtime (min) Unknown Blood Culture Negative, No Growth Date/Time of Admission 2020-07-06 O7:22:00 EST PHS High Risk Yes ☐ No ☒	Cause of Death	Cerebrovascular/	Preservation Solution	UW □ HTK ⊠
Injury Hemorrhage/ Stroke Lung □ Pancreas □ Liver □ Intestine □ Cardiac Arrest/Downtime (min) Unknown Yes □ From liver to pancreas removal from peritoneal cavity (min) NA CPR / Time (min) Yes □ From liver to pancreas removal from peritoneal cavity (min) Heart □ Kidney □ Lung □ Pancreas □ Liver □ Intestine □ Total Est. Downtime (min) Unknown Blood Culture Negative, No Growth Date/Time of Admission 2020-07-06 O7:22:00 EST PHS High Risk Yes □ No ☒		Stroke		
Cardiac Unknown Yes ☐ From liver to pancreas removal from peritoneal cavity (min) CPR / Time (min) Yes ☐ Organs Discarded Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐ Total Est. Downtime (min) Date/Time of Admission 2020-07-06 O7:22:00 EST	Mechanism of	Intracranial	Organs Recovered	Heart \square Kidney \boxtimes
Cardiac Arrest/Downtime (min) CPR / Time (min) Total Est. Downtime (min) Date/Time of Admission Cardiac Unknown Yes ☐ From liver to pancreas removal from peritoneal cavity (min) Organs Discarded Heart ☐ Kidney ☐ Lung ☐ Pancreas ☐ Liver ☐ Intestine ☐ No ☐ PHS High Risk Yes ☐ No ☒ Yes ☐ No ☒ PHS High Risk Yes ☐ No ☒ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ Yes ☐ No ☐ Yes ☐ Yes	Injury	Hemorrhage/		Lung □ Pancreas ⊠
Arrest/Downtime (min) CPR / Time (min) Yes □ removal from peritoneal cavity (min) CPR / Time (min) Yes □ Organs Discarded Heart □ Kidney □ Lung □ Pancreas □ Liver □ Intestine □ Total Est. Downtime (min) Date/Time of Admission PHS High Risk Yes □ No □		Stroke		Liver $oxtimes$ Intestine $oxtimes$
(min) No □ removal from peritoneal cavity (min) CPR / Time (min) Yes ⋈ 18 min No □ Organs Discarded Lung □ Pancreas □ Liver □ Intestine □ Total Est. Downtime (min) Unknown Blood Culture Negative, No Growth Date/Time of Admission 2020-07-06 O7:22:00 EST PHS High Risk Yes □ No ⋈	Cardiac	Unknown	Intraoperative time lapse	NA
cavity (min) CPR / Time (min) Yes ⋈ Organs Discarded Heart ☐ Kidney ☐ 18 min Lung ☐ Pancreas ☐ No ☐ Liver ☐ Intestine ☐ Total Est. Downtime (min) Unknown Blood Culture Negative, No Growth Oate/Time of Admission 2020-07-06 O7:22:00 EST PHS High Risk Yes ☐ No ☒	Arrest/Downtime	Yes □	from liver to pancreas	
CPR / Time (min) Yes ⋈ Organs Discarded Heart ☐ Kidney ☐ 18 min No ☐ Liver ☐ Intestine ☐ No ☐ Unknown Blood Culture Negative, No Growth (min) PHS High Risk Yes ☐ No ☒ Admission 07:22:00 EST	(min)	No □	removal from peritoneal	
18 min No □ Total Est. Downtime (min) Date/Time of Admission 18 min No □ Blood Culture Blood Culture Negative, No Growth Yes □ No ☒ Admission			cavity (min)	
No □ Liver □ Intestine □ Total Est. Downtime (min) Date/Time of 2020-07-06 Admission PHS High Risk Yes □ No ☒ O7:22:00 EST	CPR / Time (min)	Yes ⊠	Organs Discarded	Heart \square Kidney \square
Total Est. Downtime (min) Unknown Blood Culture Negative, No Growth Date/Time of Admission 2020-07-06 O7:22:00 EST PHS High Risk Yes □ No ☒		18 min		Lung □ Pancreas □
(min) PHS High Risk Yes □ No ☒ Admission 07:22:00 EST		No □		Liver \square Intestine \square
Date/Time of Admission2020-07-06 07:22:00 ESTPHS High RiskYes □ No ☒	Total Est. Downtime	Unknown	Blood Culture	Negative, No Growth
Admission 07:22:00 EST	(min)			
	Date/Time of	2020-07-06	PHS High Risk	Yes □ No ⊠
Acute Lung Injury None noted	Admission	07:22:00 EST	_	
			Acute Lung Injury	None noted

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

HPAP062 Donor Summary



Medical History:

		Duration	Medications	Compliance	
Type of Diabetes	T2DM	4-5 years	Pills of unknown name	None	
History of Cancer	None	ND	ND	ND	
CAD	None	ND	ND	ND	
Hypertension	Yes	7 years	ND	None	
Hyperlipidemia	None	ND	ND	ND	
Autoimmune disease	None	ND	ND	ND	
Family History	CAD □	Diabetes 🗵	Autoimmune disease	Others:	
Surgical History:	Back surgery	12/20/2019			
Comments:	Recent symptoms of rapid decline in mental ability, no motivation and seeming depressed. Difficulty walking over last few years caused by sciatic nerve damage and also possibly a herniated disk.				

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	102/54; 158/59; 160/60	
Average Low BP During Hospitalization	58/54; 136/60; Duration: 5 min	
	136/68	each
Average BP in OR (mmHg)	DCD	
Average Low BP in OR (mmHg)	DCD	Duration: ND
Average HR in OR (bpm)	DCD	
ABG-pH range	7.36 - 7.47	

Intervention

Blood Products/Meds Transfused Before Organ Recovery

Drug	Dose	Units	Total dose
Fresh Frozen Plasma			
PRBCs			
Platelets			
Norepinephrine (Levophed)			
Vasopressin			
Neo-Synephrine			
Epinephrine			
Phenylephrine			
Dopamine			

HPAP-062 Donor Summary



Blood Products/Meds Transfused Intraoperative

Drug	Dose	Units	Total dose
Product	Amount (ml)	Units	Total (ml)
Fresh Frozen			
PRBCs			
Platelets			
Norepinephrine			
(Levophed)			
Vasopressin			
Neo-Synephrine			
(phenylephrine)			
Epinephrine			
Dopamine			
Heparin		30,000	

Initial Autoantibody Screening: Not performed for T2D

GAD-65	IA-2
ND	ND

Confirmatory Results: Radio-immuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	ND	ND	ND	ND
Cut-off values	NA	NA	NA	NA

	C-peptide (ng/ml)	Proinsulin
Results	ND	ND
Cut-off values	NA	NA

HPAP062 Donor Summary



HLA (OPO)

Class 1	Α	2	24	Class II	DR	4	11
	В	18	44		DR51	Negative	Negative
	С	05	12		DR52	3*02	Negative
	Bw4	Positive			DR53	4*01	Negative
	Bw6	Positive			DQB1	7	
					DQA1	03	05
					DPB1	04:02	20:01

Confirmatory HLA

Class 1	Α	ND	ND	Class II	DRB1	ND	ND
	В	ND	ND		DRB3	ND	ND
	С	ND	ND		DRB4	ND	ND
					DRB5	ND	ND
					DQB1	ND	ND
					DQA1	ND	ND
					DPB1	ND	ND
					DPA1	ND	ND

Infectious Disease Serology

		Hemo/Plasma Dilution Status	
Test	Result	Qualified	Non-Qualified
EBV IgG	Positive	✓	
EBV IgM	Negative	✓	
CMV total Ab (anti-CMV)	Negative	✓	
HBcAb (anti-HBc)	Negative	✓	
HBsAg	Negative	✓	
HCV Ab (anti-HCV)	Negative	✓	
HIV I/II	Negative	✓	
Syphilis	Negative	✓	
Procleix Ultrio	ND	NA	NA
Ultrio HBV (HBV Nat)	Negative	✓	
Ultrio HCV (HCV Nat)	Negative	✓	
Ultrio HIV (HIV Nat)	Negative	✓	
Toxoplasma Ab	IgG Negative, IgM ND	✓	

HPAP-062 Donor Summary



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	123	141	136
Creatinine (<1.5)	1.64	1.64	1.26
Glucose (mg/dL) (60-150)	418	450	450
HbA1C%			
Total bilirubin (0-1.0)	0.4	0.5	0.4
SGOT (AST) (0-40)	52	77	65
SGPT (ALT) (5-35)	5	22	16
Alkaline phosphatase (45-110)	106	106	86
Serum Amylase (u/L) (23-851)	92	ND	ND
Serum Lipase (0-80)	14	ND	ND
WBC (THO/uL) (4.5-11.0)	28.8	28.8	19.4
Hgb (g/dL) (12-16)	11.7	11.6	10.7
Platelets (THO/uL) (150-350)	284	284	153
INR (<2.0)	0.9	0.9	0.9

Urinalysis

	1 st	2 nd	3 rd	4th
Glucose	Positive (3+)	Positive (3+)		

Medications During Hospitalization

_	_		
Drug	Dose	Units	Total dose
Fentanyl (Sublimaze)	75-100	mcg	175 mcg
Fentanyl (infusion)	75-150	mcg/hr	9.275 mg (9,275 mcg)
Lorazepam (Ativan)	1	mg	1 mg
Pantoprazole (Protonix)	40	mg	120 mg
Sodium chloride 0.9% (injection in 100 ml)	10	ml	90 ml
Sodium chloride 0.9% (infusion)	100	ml/hr	2.3 L (2,300 ml)
Piperacillin-tazobactam	3.375	gm	20.25 g
Propofol	1000	mg	13 gm (13,000 mg)
Propofol (injection)	50	mcg/kg/min	10.949 gm (10,949 mg)
Clevidipine (Cleviprex)	2-12	mg/hr	126 mg
Nicardipine (Cardene)	5-15	mg/hr	55 mg
Phenylephrine (NejossSynephrine)	100	mcg/min	159 mg (159,000 mcg)
Acetaminophen	650	mg	3.25 gm (3,250 mg)
hydralazine	10	mg	20 mg
Iohexol	75	ml	150 ml
Labetalol	10	mg	30 mg





Steroids**	
Diuretics	
T3 Protocol	
T4 Protocol*	
Insulin**	
Antihypertensives	
Vasodilators	
DDAVP**	
Total parenteral nutrition	
Other	

^{*}T4 protocol: Levothyroxine (20 mcgs), Solumedrol (2 gms), Dextrose 50% (1 amp), Regular Insulin (20u), Vasopressin (1 unit)

^{**} Excluding T4 Protocol