



НРАР	145	UNOS		
Recovery OPO	IIAMOKOP - LifeShare	Allocation Via	UPENN □	nPOD ⊠
necester, or e	Transplant Donor Svcs of OK	7	OFLININ	IIFOD 🖂
Age (years)	64	DCD	YES 🗆 N	10 ⊠
Race	American Indian or Alaska	DBD	YES 🗵 N	10 🗆
C :	Native	A.I.,	60 11	40 14:
Sex	M □ F⊠	Admission to Cross Clamp	68 Hour	s 12 Mins.
ABO (Rh)	O Positive	Cross Clamp Time	03/10/2023	18·06 CDT
BMI (Kg/m²)	31.117	Cold Ischemia		
Weight (kg)	76.7000	Time*	Hour	
Height (cm)	157.00			t Isolation
Cause of Death	CEREBROVASCULAR/STROKE	Preservation		orocessing HTK□
Cause of Death	CENEBROVASCOLARYSTRORE	Solution	Servator B	11KL
Mechanism of	INTRACRANIAL	Organs Recovered	Heart 🗵	Kidney 🗵
Injury	HEMORRHAGE/STROKE	0.9	Lung 🗵	Pancreas 🗵
	·		Liver 🗵	Intestine
Cardiac	Yes □	Intraoperative		•
Arrest/Downtime	No ⊠	time lapse from	00 Hours	11 Mins.
		liver to pancreas		
		removal from the		
CPR / Time	У П	peritoneal cavity:		Wide -
CPR / Tillle	Yes □ No ⊠	Organs Discarded	Heart	Kidney □
	NO 🖂		Lung	Pancreas
			Liver 🗆	Intestine \square
Total Est.		Blood Culture	48 Hour Res	sult - No
Downtime			growth to d	ate
Date /Time of	03/07/2023 21:54 CDT	PHS High Risk	YES □ N	0 🗵
Admission		Acuto Luna Inium	Mild bibasi	lar infiltrates
		Acute Lung Injury	with small e	
			(improveme	
			Continued p	•
	•	•		

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



Medical History:

		Duration	Medications	Compliance	
Type of Diabetes	T2DM	YES, >10	Insulin- short and long acting	yes	
		YEARS			
History of cancer					
CAD					
Hypertension	yes	> 10 years	Medication uncertain		
Hyperlipidemia	yes		Lipitor		
Autoimmune disease					
Family History	CAD □	Diabetes 🗆	Auto immune disease	Others:	
Surgical History:	(1) Neck surgery, pins in neck >10 years ago				
	(2) Hysterectomy ~ 20 years ago				
	(3) Carpel Tunnel hand ~ 15 years ago				
	(4) Gallbladder ~ 20 years ago				
Comments:	Medical Hx: MI at the age of 25, irregular valve, Asthma, Vitamin D for				
	deficiency, allergies to pollen and cats				
	Medication Hx: Albuterol rescue inhaler				
	Smoking H	lx: Cigarettes 1	pack/ week On and off 20+ yea	ars	

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	129/55	
Average Low BP During Hospitalization	68 / 45	Duration: 1 minute
Average BP in OR (mmHg)	150/50	
Average Low BP in OR (mmHg)	70/25	Duration: 1 minute
Average HR in OR (bpm)	75	
ABG-pH range	7.31 – 7.43	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)	
Fresh Frozen Plasma				
PRBCs				
Platelets				
Norepinephrine (Levophed)		0.0 5- 0.07 mcg/kg/min started 52:21 hrs. befor		
		organ recovery for the duration of 6:00hrs.		
Vasopressin		0.01/3/units/hr	432(108.4 x4)	
Neo-Synephrine				
Epinephrine				
Phenylephrine				
Dopamine		1-10 MCG/KG/MIN started 36:06 hrs. before		
		organ recovery for	the duration of 21:5:00 hrs.	



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma			
PRBCs			
Platelets			
Norepinephrine (Levophed)		0.4 mcg/kg/min	
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	-0.001	0.002
Cut-off values	20	5	0.010	0.020

^{*}Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.3	ND

^{*}Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	Α	3	68	Class II	DR	11	15
	В	7	8		DR51	5*01	N-Negative
	С	07	07		DR52	3*02	N-Negative
	Bw4	Negative			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	6	6
					DQA1	01	01
					DPB1	20:01	85:01
					DPA1	01	02
Comment	:						



Confirmatory HLA (UPENN)*

Not performed for HPAP-T2D program

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

^{*}HLA typing performed using NGS

Infectious Disease Serology

		Hemo/Plasma	a Dilution Status
Test	Result	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 (HBV NAT)	Negative	✓	-
Ultrio HCV (HCV NAT)	Negative	✓	-
Ultrio HIV (HIV NAT)	Negative	✓	-
Toxoplasma Ab	Negative	✓	-
Chagas (CHAG), Antigen	Non-Reactive	✓	-
West Nile NAT	Negative	✓	-
SARS-CoV-2	Negative	✓	-



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	142	156	153
Creatinine (<1.5)	1.27	1.97	1.19
Glucose (mg/dL) (60-150)	582	582	309
HbA1C%	11.6		
Total bilirubin (0-1.0)	0.8	0.8	0.2
SGOT (AST) (0-40)	14	40	13
SGPT (ALT) (5-35)	13	14	13
Alkaline phosphatase (45-110)	104	104	86
Serum Amylase (23-851)	NA	NA	NA
Serum Lipase (0-80)	NA	NA	NA
WBC (THO/uL) (4.5-11.0)	15.3	18	13
Hgb (g/dL) (12-16)	16.4	16.4	9.4
Platelets (THO/uL) (150-350)	357	357	198
INR (<2.0)	1.1	1.23	1.03

Urinalysis

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

Medications During Hospitalization

Steroids**	1000 mgSolumedrol			
Diuretics	Mannitol 50gm, started 53:56hrs.before organ recovery, duration of 19:49hrs.			
	Lasix 60 mg			
T3 Protocol				
T4 Protocol*	Yes			
Insulin**	ongoing started 14:06 hrs. before organ recovery			
Antihypertensive	Cleviprex 6-18 mg/hrs. started 59:19hrs. before organ recovery for the			
	duration of 15:12hrs.			
Vasodilators	hydralazine			
DDAVP**				
Total parenteral nutrition				
Other	Zosyn, labetalol, Propofol, Sodium	Specify		
	Bicarb Mycamine, rocuronium,			
	Levothyroxine, Keppra,			

^{*}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