

HPAP-080 Donor Summary



HPAP	080	UNOS	
Recovery OPO	FLF - OurLegacy	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	22	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 checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="85"/> Hours <input type="text" value="49"/> Mins.
ABO (Rh)	O	Cross Clamp Time	01/19/2021 18:23 EST
BMI (Kg/m ²)	35.706	Cold Ischemia Time*	<input type="text" value="19"/> Hours <input type="text" value="11"/> Mins.
Weight (kg)	133		
Height (cm)	193		
Cause of Death	Head Trauma	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	Gunshot Wound	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text"/> Hours <input type="text"/> Mins. No available
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	No Growth
Date /Time of Admission	01/16/2021 04:34 EST	PHS High Risk	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
		Acute Lung Injury	Right lower lobe opacity

*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 type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Medical Hx: Chlamydia, Gonorrhea April & July			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	126/65	
Average Low BP During Hospitalization	87/53	Duration: -----
Average BP in OR (mmHg)	104/75	
Average Low BP in OR (mmHg)	97/75	Duration: 5 M
Average HR in OR (bpm)	102	
ABG-pH range	7.27 – 7.46	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	270	5	1350
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.3 MCG/KG/MIN started 3 days before organ recovery for the duration of 40:35:00 hrs	
Vasopressin	-----	Ongoing administration of 1.8 Units/hr started 3 days before organ recovery	
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	0.5 MCG/KG/MIN started 3 days before organ recovery for the duration of 29:13:00 hrs	
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-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): ELISA –

Not performed for HPAP-T2DM program

GAD-65	IA-2
-----	-----

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	12	0	-0.002	-0.005
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	15.35	-----

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	23	66	Class II	DR	13	15
	B	45	58		DR51	51	N-Negative
	C	07	16		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	N-Negative
	Bw6	Positive			DQB1	6	6
			DQA1		01	01	
			DPB1		01:01	01:01	
Comment:							

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Confirmatory HLA (UPENN)*

Not performed for HPAP-T2DM 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	✓	----
EBNA	Positive	✓	----
CMV	Positive	✓	----
HBcAb	Negative	✓	----
HBsAg	Negative	✓	----
HBsAb	Positive		
HCV Ab	Negative	✓	----
HIV I/II (HIV 1 /2 AG/AB)	NonReactive	✓	----
Syphilis	Negative	✓	----
Procleix Ultrio	----	----	----
Ultrio HBV (HBV NAT)	Negative	✓	----
Ultrio HCV (HCV NAT)	Negative	✓	----
Ultrio HIV (HIV NAT)	Negative	✓	----
Toxoplasma Ab	Positive	✓	----
SARS-CoV-2	Negative	✓	----

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	139	154	149
Creatinine (<1.5)	1.47	1.47	0.98
Glucose (mg/dL) (60-150)	228	305	305
HbA1C%	5.4	----	----
Total bilirubin (0-1.0)	0.9	0.9	0.5
SGOT (AST) (0-40)	58	58	33
SGPT (ALT) (5-35)	18	18	18
Alkaline phosphatase (45-110)	49	59	59
Serum Amylase (23-851)	45	----	----
Serum Lipase (0-80)	10	----	----
WBC (THO/uL) (4.5-11.0)	16.4	16.4	12.8
Hgb (g/dL) (12-16)	10.8	10.8	8.3
Platelets (THO/uL) (150-350)	209	209	97
INR (<2.0)	1.2	1.4	1.3

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Negative	Negative	Positive:500

Medications During Hospitalization

Steroids**	Solumedrol 1Gram q24		
Diuretics	----		
T3 Protocol	----		
T4 Protocol*	Yes		
Insulin**	----		
Antihypertensive	----		
Vasodilators	----		
DDAVP**	----		
Total parenteral nutrition	----		
Other	Arginine Vasossin, Zosyn q8, KCL, Cacl, MgSo4, Naphos, Vancomycin, Levothyroxine	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