

HPAP-053 Donor Summary



HPAP	053	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	58	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Race	Caucasian	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="text" value="119"/> Hours <input type="text" value="54"/> Mins.	
ABO (Rh)	A+	Cross Clamp Time	01/27/2020 02:49 EST	
BMI (Kg/m²)	24.2	Cold Ischemia Time*	<input type="text" value="08"/> Hours <input type="text" value="47"/> Mins.	
Weight (kg)	68			
Height (cm)	167.64			
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Cardiovascular	Organs Recovered	Heart <input 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 checked="" type="checkbox"/> Unknown No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text" value="0"/> Hours <input type="text" value="31"/> Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> Unknown No <input 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	Unknown	Blood Culture	No Growth	
Date /Time of Admission	01/22/2020 02:55 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	Yes Pulmonary consolidation	

*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	Yes	13 years	Idiopathic cardiomyopathy medicine (amiodarone)	yes
Hypertension	yes	13 years	unknown	Yes
Hyperlipidemia	yes	6 months	Lipitor	Yes
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/>	Diabetes <input checked="" type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Leg/patella fx ,Tubal Ligation , ORIF hip			
Comments:	Father had CAD, brothers had diabetes			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	139/76	
Average Low BP During Hospitalization	100/58	Duration: 15 minutes
Average BP in OR (mmHg)	100/60	
Average Low BP in OR (mmHg)	78/50	Duration: 1 minute
Average HR in OR (bpm)	80	
ABG-pH range	7.17 - 7.47	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.2 mcg/kg/min	2 days before organ recovery
Vasopressin			
Neo-Syneprine			
Epinephrine		1 unit	5 days before organ recovery
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)	-----	70 mcg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD): Not performed for T2DM program

GAD-65	IA-2
N/A	N/A

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	0.003
Cut-off values	20	5	0.010	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	13.03	N/A

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	25	Class II	DR	14	7
	B	18	57		DR51	Negative	Negative
	C	06	12		DR52	52	Negative
	Bw4	Positive			DR53	Negative	Negative
	Bw6	Positive			DQB1	5	9
			DQA1		01	02	
			DPB1		04:01	04:02	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	N/A	N/A	Class II	DRB1	N/A	N/A
	B	N/A	N/A		DRB3	N/A	N/A
	C	N/A	N/A		DRB4	N/A	N/A
					DRB5	N/A	N/A
					DQB1	N/A	N/A
					DQA1	N/A	N/A
					DPB1	N/A	N/A
					DPA1	N/A	N/A

*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	Non- Reactive	✓	-----
HBsAg	Non- Reactive	✓	-----
HCV Ab	Non- Reactive	✓	-----
HIV I/II	Non- Reactive	✓	-----
Syphilis	Non- Reactive	✓	-----
Procleix Ultrio	-----	-----	-----
Ultrio HBV	Non- Reactive	✓	-----
Ultrio HCV	Non- Reactive	✓	-----
Ultrio HIV	Non- Reactive	✓	-----
Toxoplasma Ab	Negative	✓	-----



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	143	177	151
Creatinine (<1.5)	0.63	0.66	0.63
Glucose (mg/dL) (60-150)	105	325	237
HbA1C%	5.6	-----	-----
Total bilirubin (0-1.0)	0.4	0.9	0.4
SGOT (AST) (0-40)	74	125	36
SGPT (ALT) (5-35)	78	96	54
Alkaline phosphatase (45-110)	50	50	45
Serum Amylase (23-851)	42	63	55
Serum Lipase (0-80)	15	21	8
WBC (THO/uL) (4.5-11.0)	15.4	15.4	11.2
Hgb (g/dL) (12-16)	13.8	13.8	9.4
Platelets (THO/uL) (150-350)	201	201	133
INR (<2.0)	1.1	1.1	1

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	150	>=500	-----	-----

Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	Yes 40 mcg/hr
Insulin**	-----
Antihypertensive	-----
Vasodilators	-----
DDAVP**	-----
Total parenteral nutrition	-----
Other	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