

HPAP035 Donor Summary



HPAP	035	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	35	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 checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	71 Hours	38 Mins.
ABO (Rh)	A ⁺	Cross Clamp Time	1/13/19 22:43 EST	
Weight (Kg.) Height (cm) BMI (Kg/m²)	90 182.88 26.91	Cold Ischemia Time*	12 Hours	55 Mins.
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Seizure	Organs Recovered	Heart <input checked="" type="checkbox"/> Lung <input type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 24 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 30 minutes No <input type="checkbox"/>	Organs Discarded	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
Total Est. Downtime	Unknown	Blood Culture	No Growth	
Date /Time of Admission	1/10/2019 23:05 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	No ARDS	

*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	None	-----	-----	-----
CAD	None	-----	-----	-----
Hypertension	Yes	5 years	None	Poor
Hyperlipidemia	None	-----	-----	-----
Autoimmune disease	None	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Maternal Grandmother	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Cholecystectomy – 2010 Nephrolithiasis – Lithotripsy/stents 1995-2018			
Comments:	Hx of seizure disorder (4 years) / on Dilantin & Lamictal - 4 months Hx of Asthma on inhaler – 5+ years)			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	115/75	
Average Low BP During Hospitalization	79/68	Duration: 15minutes
Average BP in OR (mmHg)	166/95	
Average Low BP in OR (mmHg)	88/60	Duration: 5 minutes
Average HR in OR (bpm)	117	
ABG-pH range	7.15 – 7.29	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

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

GAD-65	IA-2
Negative	Negative

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	0.002	0.006
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	15.9	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	11	11	Class II	DR	17	7
	B	44	50		DR51	Negative	Negative
	C	06	16		DR52	52	Negative
	Bw4	Positive			DR53	53	Negative
	Bw6	Positive			DQB1	2	2
			DQA1		02	05	
			DPB1		01:01	04:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	11:01	-----	Class II	DRB1	03:01	07:01
	B	44:03	50:01		DRB3	01:01	-----
	C	06:02	16:01		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	02:01	02:02
					DQA1	02:01	05:01
					DPB1	01:01	04:01
					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 Total Ab	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)	141	154	139
Creatinine (<1.5)	0.83	1.67	1.67
Glucose (mg/dL) (60-150)	100	286	177
HbA1C%	5.2	-----	-----
Total bilirubin (0-1.0)	0.6	0.9	0.5
SGOT (AST) (0-40)	24	2250	195
SGPT (ALT) (5-35)	31	2664	1414
Alkaline phosphatase (45-110)	104	107	104
Serum Amylase (23-851)	152	152	110
Serum Lipase (0-80)	4	5	4
WBC (THO/uL) (4.5-11.0)	9.2	22.9	12.8
Hgb (g/dL) (12-16)	15.8	15.9	14.2
Platelets (THO/uL) (150-350)	215	215	158
INR (<2.0)	1.0	1.2	1.2

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Positive	Positive	-----

Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	Yes 20mcg/hour
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