

HPAP037 Donor Summary



HPAP	037	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	54 Hours 56 Mins.	
ABO (Rh)	AB ⁺	Cross Clamp Time	02/10/2019 23:45 EST	
Height (cm) Weight (Kg) BMI (Kg/m²)	157.48 54.3 21.9	Cold Ischemia Time*	12 Hours 02 Mins.	
Cause of Death	C VA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Intracranial Hemorrhage	Organs Recovered	Heart <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/>	Kidney <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> 10 Minutes No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 12 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 10 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	10 Minutes	Blood Culture	No Growth	
Date /Time of Admission	02/08/2019 16:49 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.



HPAP037 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	None	-----	-----	-----
History of cancer	None	-----	-----	-----
CAD	None	-----	-----	-----
Hypertension	None	-----	-----	-----
Hyperlipidemia	None	-----	-----	-----
Autoimmune disease	None	-----	-----	-----
Family History	CAD <input checked="" type="checkbox"/> Maternal grandmother	Diabetes <input checked="" type="checkbox"/> Mother	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:				
Comments:				

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	122/93	
Average Low BP During Hospitalization	118/90	Duration: -----
Average BP in OR (mmHg)	110/70	
Average Low BP in OR (mmHg)	88/64	Duration: 3 minutes
Average HR in OR (bpm)	82	
ABG-pH range	7.15 ----7.48	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	As a component of T4		
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

HPAP037 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	As a component of T4 20mcg/hr		
Neo-Syneprine (phenylephrine)		50mcg/min	
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	0.000	0.002
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	4.75	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	2	Class II	DR	4	11
	B	35	55		DR51	Negative	
	C	09	04		DR52	52	Negative
	Bw4	Negative			DR53	53	Negative
	Bw6	Positive			DQB1	7	8
			DQA1		03	05	
			DPB1		03:01	16:01	
Comment:							

HPAP037 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	01:01	02:01	Class II	DRB1	04:04	11:01
	B	35:08	55:01		DRB3	-----	02:02
	C	03:03	04:01		DRB4	01:03	-----
					DRB5	-----	-----
					DQB1	03:01	03:02
					DQA1	03:01	05:05
					DPB1	03:01	16:01
					DPA1	01:03	-----

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	-----
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	✓	-----

HPAP037 Donor Summary



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	145	151	149
Creatinine (<1.5)	0.77	1.22	0.98
Glucose (mg/dL) (60-150)	130	246	246
HbA1C%	5.3	-----	-----
Total bilirubin (0-1.0)	0.4	1.1	0.6
SGOT (AST) (0-40)	47	47	16
SGPT (ALT) (5-35)	26	26	20
Alkaline phosphatase (45-110)	40	40	38
Serum Amylase (23-851)	209	209	131
Serum Lipase (0-80)	16	16	9
WBC (THO/uL) (4.5-11.0)	9.3	15.3	153
Hgb (g/dL) (12-16)	12.6	12.6	10.2
Platelets (THO/uL) (150-350)	211	214	198
INR (<2.0)	1.1	1.4	1.3

Urinalysis

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

Medications During Hospitalization

Steroids**	2 gms three hours before cross clamp in OR		
Diuretics	Mannitol 25 gms in OR		
T3 Protocol	-----		
T4 Protocol*	Yes Continued in OR		
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