

HPAP033 Donor Summary



HPAP	033	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	6	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Race	Hispanic	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Sex	M <input checked="" type="checkbox"/> F <input type="checkbox"/>	Admission to Cross Clamp	132 Hours 31 Mins.	
ABO (Rh)	O+	Cross Clamp Time	10/04/2018 09:54 EST	
BMI (Kg/m²)	14.85	Cold Ischemia Time*	6 Hours 28 Mins.	
Height	114.3 cm			
Weight	19.4 kg			
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"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 11 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 10 Minutes 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	10-15 minutes	Blood Culture		
Date /Time of Admission	9/28/2018 21:23 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	Progressive Atelectasis	

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



HPAP033 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	None	-----	-----	-----
History of cancer	None	-----	-----	-----
CAD	None	-----	-----	-----
Hypertension	None	-----	-----	-----
Hyperlipidemia	None	-----	-----	-----
Autoimmune disease	Asthma	3 years	Flovent, Albuterol, Flonase	Yes
Family History	CAD <input checked="" type="checkbox"/> Maternal Father	Diabetes <input checked="" type="checkbox"/> Paternal Father	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Unremarkable			
Comments:	History of eczema from birth			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	100/50	
Average Low BP During Hospitalization	90/40	Duration: 60 minutes
Average BP in OR (mmHg)	104/60	
Average Low BP in OR (mmHg)	88/49	Duration: 2 minutes
Average HR in OR (bpm)	116	
ABG-pH range	7.26 – 7.54	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.5mcg/kg/min for \approx 7 hours	
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

HPAP033 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma			
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	5 mcg/kg/min	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	6,000	-----

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	0.001	0.005
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.27	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	-----	Class II	DR	4	11
	B	61	44		DR51	Negative	
	C	03	07		DR52	52	-----
	Bw4	Positive			DR53	53	-----
	Bw6	Positive			DQB1	7	8
					DQA1	03	05
					DPB1	04:02	16:01
Comment:							

HPAP033 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	02:01	02:17	Class II	DRB1	11:01	04:11
	B	40:02	44:02		DRB3	02:02	-----
	C	03:05	07:04		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:01	03:02
					DQA1	03:01	05:05
					DPB1	04:02	16:01
					DPA1	01:03	-----

*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	ND	-----	-----
Ultrio HBV	Non-Reactive	✓	-----
Ultrio HCV	Non-Reactive	✓	-----
Ultrio HIV	Non-Reactive	✓	-----
Toxoplasma Ab	Non-Reactive	✓	-----

HPAP033 Donor Summary



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	145	146	137
Creatinine (<1.5)	0.4	0.4	0.2
Glucose (mg/dL) (60-150)	329	326	110
HbA1C%	5.6	-----	-----
Total bilirubin (0-1.0)	0.4	05	0.5
SGOT (AST) (0-40)	77	245	119
SGPT (ALT) (5-35)	46	98	89
Alkaline phosphatase (45-110)	202	204	156
Serum Amylase (23-851)	47	48	47
Serum Lipase (0-80)	107	232	232
WBC (THO/uL) (4.5-11.0)	9.5	39.2	32.2
Hgb (g/dL) (12-16)	11.8	12.5	12.2
Platelets (THO/uL) (150-350)	190	302	262
INR (<2.0)	1.1	1.2	1.1

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	-----	Large	-----	-----

Medications During Hospitalization

Steroids**	-----
Diuretics	5 gms. Mannitol in OR
T3 Protocol	-----
T4 Protocol*	Only levothyroxine (1mcg/min) for 2 hours before organ recovery (No steroids or insulin given)
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