

HPAP034 Donor Summary



HPAP	034	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	13	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	40 Hours 02 Mins.	
ABO (Rh)	O+	Cross Clamp Time	12/09/2018 01:02 AM EST	
BMI (Kg/m²)	18.6	Cold Ischemia Time*	11 Hours 31 Mins.	
Cause of Death	Head Trauma	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	GSW	Organs Recovered	Heart <input checked="" type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>	
Cardiac Arrest/Downtime	Yes <input checked="" type="checkbox"/> 8 Minutes No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 7 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 8 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	8 Minutes	Blood Culture	No Growth	
Date /Time of Admission	12/07/2018 09:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input 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.



HPAP034 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 type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	-----			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	95/60	
Average Low BP During Hospitalization	36/18	Duration: 2 minutes
Average BP in OR (mmHg)	110/65	
Average Low BP in OR (mmHg)	45/20	Duration: 1 minute
Average HR in OR (bpm)	90	
ABG-pH range	6.9 – 7.47	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	1985	-----	1985
PRBCs	5220	-----	5220
Platelets	272	-----	272
Solumedrol	1 gm	-----	1 gm
Norepinephrine (Levophed)	25 mcg / hour x 29 hours		
Vasopressin	1.8 units / hour x 29 hours		
Neo-Synephrine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

HPAP034 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	750 5% Albumin		750 5% Albumin
PRBCs	730	-----	730
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine (phenylephrine)	60mcg/ minute		
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	12.7	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	68	Class II	DR	1	15
	B	7	35		DR51	51	Negative
	C	04	07		DR52	Negative	Negative
	Bw4	Negative			DR53	Negative	Negative
	Bw6	Positive			DQB1	5	6
			DQA1		01	01	
			DPB1		02:01	03:01	
Comment:							

HPAP034 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	02:01	68:01	Class II	DRB1	01:01	15:01
	B	07:02	35:03		DRB3	-----	-----
	C	04:01	07:02		DRB4	-----	-----
					DRB5	01:01	-----
					DQB1	05:01	06:02
					DQA1	01:01	01:02
					DPB1	02:01	03:01
					DPA1	01:03	

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	Yes	-----
EBV IgM	Negative	Yes	-----
CMV total Ab	Positive	Yes	-----
HBcAb	Non-Reactive	Yes	-----
HBsAg	Non-Reactive	Yes	-----
HCV Ab	Non-Reactive	Yes	-----
HIV I/II	Non-Reactive	Yes	-----
Syphilis	Non-Reactive	Yes	-----
Procleix Ultrio	ND	-----	-----
Ultrio HBV	Non-Reactive	Yes Yes	-----
Ultrio HCV	Non-Reactive	Yes	-----
Ultrio HIV	Non-Reactive	Yes	
Toxoplasma Ab	Negative	Yes	-----

HPAP034 Donor Summary



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	147	150	147
Creatinine (<1.5)	0.8	1.9	1.8
Glucose (mg/dL) (60-150)	40.3	403	163
HbA1C%	5.2	-----	-----
Total bilirubin (0-1.0)	2.8	5.9	5.9
SGOT (AST) (0-40)	266	327	218
SGPT (ALT) (5-35)	96	96	57
Alkaline phosphatase (45-110)	78	-----	-----
Serum Amylase (23-851)	40	71	71
Serum Lipase (0-80)	17	63	63
WBC (THO/uL) (4.5-11.0)	7.6	19	19
Hgb (g/dL) (12-16)	7.8	9.5	8.1
Platelets (THO/uL) (150-350)	36	118	24
INR (<2.0)	3.9	3.9	1.54

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	50	-----	-----	-----

Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	None
T4 Protocol*	Yes 40 mcg / 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