

HPAP022 Donor Summary



HPAP	022	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	39	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	152 Hours	41 Mins.
ABO (Rh)	O ⁽⁺⁾	Cross Clamp Time	03/24/2018 @ 05:39 EST	
BMI (Kg/m²)	34.76	Cold Ischemia Time*	8 Hours	33 Mins.
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Drug Intoxication	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"/> 8 Minutes No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<div> <div>Hours</div> <div>Mins.</div> </div> Not Available	
CPR / Time	Yes <input checked="" type="checkbox"/> 8 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	8 minutes	Blood Culture	No Growth	
Date /Time of Admission	03/17/2018 @ 20:58 EST	PHS High Risk	YES <input checked="" 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.

HPAP022 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:	C – Section 2010 and 2007			
Comments:	History of cocaine and heroin use.			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	140/60	
Average Low BP During Hospitalization	77/56	Duration: 15 mins.
Average BP in OR (mmHg)	110/60	
Average Low BP in OR (mmHg)	65/41	Duration: 1 min.
Average HR in OR (bpm)	75	
ABG-pH range	7.315 – 7.51	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	360	-----	360
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	Started 2 days prior to OR for 4 hours.		
Dopamine	-----	-----	-----

HPAP022 Donor Summary



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
ND	ND

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	0.007
Cut-off values	20	5	0.01	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	9.35	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	1	11	Class II	DR	7	-----
	B	13	57		DR51	Negative	
	C	06	-----		DR52	Negative	
	Bw4	Positive			DR53	Positive	(53)
	Bw6	Negative			DQB	2	9
			DQA		02	-----	
DPB1			02:01		04:01		
Comment:							

HPAP022 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	01:01	11:01	Class II	DRB1	07:01	-----
	B	13:02	57:01		DRB3	ND	ND
	C	06:02	-----		DRB4	01:03	01:03N**
					DRB5	-----	-----
					DQB1	02:02	03:03
					DQA1	02:01	-----
					DPB1	02:01	04:01
					DPA1	01:03	-----

*HLA typing performed using NGS. ** N denotes Null

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Negative	Yes	-----
EBV IgM	Negative	Yes	-----
CMV	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	-----
Ultrio HCV	Non Reactive	Yes	-----
Ultrio HIV	Non Reactive	Yes	-----
Toxoplasma Ab	Positive	Yes	-----

HPAP022 Donor Summary



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	146	154	151
Creatinine (<1.5)	0.9	0.9	0.7
Glucose (mg/dL) (60-150)	182	242	217
HbA1C%	4.7	-----	-----
Total bilirubin (0-1.0)	0.2	0.5	0.2
SGOT (AST) (0-40)	101	101	17
SGPT (ALT) (5-35)	42	42	14
Alkaline phosphatase (45-110)	134	134	67
Serum Amylase (23-851)	63	63	21
Serum Lipase (0-80)	31	31	14
WBC (THO/uL) (4.5-11.0)	10	21.3	11.4
Hgb (g/dL) (12-16)	10	10.7	8.7
Platelets (THO/uL) (150-350)	260	337	229
INR (<2.0)	1.14	1.18	1.14

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	ND	ND	150	ND

Medications During Hospitalization

Steroids**	-----
Diuretics	Mannitol in OR
T3 Protocol	-----
T4 Protocol*	Yes – started 2 days prior to Organ Recovery.
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