

HPAP002 Donor Summary



HPAP	002	UNOS		
Recovery OPO	One Legacy (LA)	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	26	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	143 Hours 11 Mins.	
ABO (Rh)	O+	Cross Clamp Time	1/11/17 @ 23:11 (PST) 1/12/17 @ 02:11 EST	
BMI (Kg/m ²)	16.4	Cold Ischemia Time*	21 Hours 34 Mins.	
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Drug Intoxication (MVA)	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"/> 10 mins. No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 0 Mins. En bloc liver/pancreas removal / back table dissection	
CPR / Time	Yes <input checked="" type="checkbox"/> 15 mins. 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 mins.	Blood Culture	No Growth	
Date /Time of Admission	1/6/2017@00:00 PST 1/6/2017@03:00 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.



Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T1DM	≈ 5 yrs	Insulin	Non-compliant
History of cancer	None	-----	-----	-----
CAD	Unknown	-----	-----	-----
Hypertension	Yes	Unknown	-----	Unknown
Hyperlipidemia	Unknown	-----	-----	-----
Autoimmune disease	Unknown	-----	-----	-----
Family History	CAD <input type="checkbox"/> Unknown	Diabetes <input checked="" type="checkbox"/> Mother Unknown T1D or T2 D	Auto-immune disease <input type="checkbox"/> Unknown	Others:
Surgical History:	Stitches at bottom of neck – unknown reason			
Comments:	History obtained from brother, patient was estranged from family			

HEMODYNAMIC PROFILE

Average BP During Hospitalization (mmHg)	123/72	
Average Low BP During Hospitalization	99/50	Duration: 15 mins.
Average BP in OR (mmHg)	100/60	
Average Low BP in OR (mmHg)	70/50	Duration: 5 mins.
Average HR in OR (bpm)	105	
ABG-pH range	7.15 ---7.58	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	None	-----	-----
PRBCs	None	-----	-----
Platelets	None	-----	-----
Norepinephrine (Levophed)	Yes	0.020 mcg/kg/min	
Vasopressin	None	-----	-----
Neo-Syneprine	None	-----	-----
Epinephrine	None	-----	-----
Phenylephrine	None	-----	-----
Dopamine	None	-----	-----



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	0.11mcg/kg/min	-----	-----
Vasopressin	-----	-----	-----
Neo-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

Initial Autoantibody Screening (nPOD):

GAD-65	IA-2
Negative	Negative

Confirmatory results (University of Florida)*

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)	C-peptide (ng/ml)	Proinsulin
Results	0	0	0.003	0.000	0.51	ND
Cut-off values	20	5	0.01	0.02	-----	-----

*Sample obtained at time of organ recovery

HLA (OPO)

Class 1	A	2	24	Class II	DR	4	13
	B	35	41		DR51	Negative	
	C	4	17		DR52	Positive	
	Bw4	Negative			DR53	Positive	
	Bw6	Positive			DQB1	8	6
					DQA1	01	03
				DPB1	02:01	04:02	



Confirmatory HLA (UPENN)*

Class 1	A	02:01	24:02	Class II	DRB1	13:02	04:08
	B	35:17	41:01		DRB3	03:01	-----
	C	04:01	17:01		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:02	06:04
					DQA1	01:02	03:01
					DPB1	02:01	04:02
					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	Positive	Yes	
HBcAb	Negative	Yes	
HBsAg	Negative	Yes	
HCV Ab	Negative	Yes	
HIV I/II	Negative	Yes	
Syphilis	Negative	Yes	
Procleix Ultrio	-----		
Ultrio HBV	Negative	Yes	
Ultrio HCV	ND	-----	
Ultrio HIV	ND	-----	
HIV/HCV/HB	Negative	Yes	

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L)	138	148	142
Creatinine	2.46	2.46	2.44
Glucose (mg/dL)	548	548	232
HbA1C%	9.8	-----	-----
Total bilirubin (mg/dl)	0.3	0.8	0.4
SGOT (AST) (u/L)	718	718	127
SGPT (ALT) (u/L)	417	359	101
Alkaline phosphatase (u/L)	290	290	119
Serum Amylase (u/L)	ND	148	132
Serum Lipase (u/L)	ND	236	236
WBC (THO/uL)	11.8	22.8	6.9
Hgb (g/dL)	10.2	10.2	7.1



Platelets (THO/uL)	296	309	134
INR	1.0	1.20	1.20

Urinalysis

	1 st	2 nd	3 rd	4th
Glucose	3+	Negative	1+	ND

Medications During Hospitalization

Steroids**	None		
Diuretics	None		
T3 Protocol	None		
T4 Protocol*	None		
Insulin **	Yes –Sliding scale started @01/07/17 01:00 PST		
Antihypertensive	None		
Vasodilators	None		
DDAVP **	None		
Total parenteral nutrition	None		
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