

HPAP025 Donor Summary



HPAP	025	UNOS		
Recovery OPO	Sacramento CA	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	30	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	83 Hours 37 Mins.	
ABO (Rh)	O+	Cross Clamp Time	05/04/18 @ 03:44 PST 05/04/18 @ 06:44 EST	
BMI (Kg/m²)	33.4	Cold Ischemia Time*	Hours Mins. N/A No Islet Isolation	
Cause of Death	Head Trauma	Preservation Solution	UW <input type="checkbox"/> HTK <input checked="" type="checkbox"/>	
Mechanism of Injury	GSW (Homicide)	Organs Recovered	Heart <input checked="" type="checkbox"/> Lung <input 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"/> 2 minutes No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 31 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> / 2 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	2 Minutes	Blood Culture	No Growth	
Date /Time of Admission	04/30/18 @ 16:07 PST 04/30/18 @ 19:07 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.



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Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T1DM	14 years	Insulin injection daily	Hx of non-compliance
History of cancer	None	-----	-----	-----
CAD	None	-----	-----	-----
Hypertension	None	-----	-----	-----
Hyperlipidemia	None	-----	-----	-----
Autoimmune disease	None	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/> Mother and paternal grandfather	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Fourniers' gangrene Appendectomy 4/2016			
Comments:				

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	95/55	
Average Low BP During Hospitalization	50/38	Duration: 15 mints.
Average BP in OR (mmHg)	Not Known	
Average Low BP in OR (mmHg)	Not Known	Duration: -----
Average HR in OR (bpm)	Not Known	
ABG-pH range	7.4 ---7.47	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	300ml 2 days and 300ml 1 day prior to Organ Recovery		
Platelets	-----	-----	-----
Norepinephrine (Levophed)	0.3mcg/kg/min for \approx 39 hours		
Vasopressin	0.03 mcg/kg/min on going for 3 days		
Neo-Synephrine	Started 2 days prior to Organ Recovery for \approx 30 hours		
Epinephrine	-----		-----
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----
Insulin	Insulin drip	Titrated during the entire admission.	
Heparin	Drip started 24 hours before Organ Recovery.		



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Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	8.02 mcg/Kg/min in OR		
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----
Solumedral	-----	1000mg	-----

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	3	55	-0.001	0.002
Cut-off values	20	5	0.01	0.02

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	0.23	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	26	Class II	DR	4	15
	B	44	52		DR51	51	-----
	C	05	12		DR52	Negative	
	Bw4	Positive			DR53	53	-----
	Bw6	Negative			DQB1	6	8
			DQA1		01	03	
			DPB1		02:01	04:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	02:01	26:01	Class II	DRB1	15:02	04:02
	B	44:02	52:01		DRB3	-----	-----
	C	05:01	12:02		DRB4	-----	01:03
					DRB5	01:02	-----
					DQB1	03:02	06:01
					DQA1	01:03	03:01
					DPB1	02:01	04:01
					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	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	Non-Reactive	Yes	-----
Ultrio HBV	ND	-----	-----
Ultrio HCV	ND	-----	-----
Ultrio HIV	ND	-----	-----
Toxoplasma Ab	Negative	Yes	-----
WNV NAT	Non-Reactive	Yes	-----
WNV IgM	Negative	Yes	-----

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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	132	148	144
Creatinine (<1.5)	0.72	1.39	0.76
Glucose (mg/dL) (60-150)	368	414	156
HbA1C%	8.9	-----	-----
Total bilirubin (0-1.0)	0.8	0.8	0.7
SGOT (AST) (0-40)	41	772	282
SGPT (ALT) (5-35)	18	842	643
Alkaline phosphatase (45-110)	96	96	63
Serum Amylase (23-851)	34	-----	-----
Serum Lipase (0-80)	16	-----	-----
WBC (THO/uL) (4.5-11.0)	13.7	19.2	11.8
Hgb (g/dL) (12-16)	14.2	14.2	7.1
Platelets (THO/uL) (150-350)	335	335	128
INR (<2.0)	0.87	1.26	0.99

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	>500	>500	Positive:50	Positive:50

Medications During Hospitalization

Steroids**	Solumedrol Q12 hours.
Diuretics	Yes -- Lasix
T3 Protocol	None
T4 Protocol*	Yes – started 48 hrs. prior to Organ Recovery
Insulin**	Insulin gtt during the hospitalization
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