



HPAP-047 Donor Summary

HPAP	047	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	8	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	135 Hours 54 Mins.	
ABO (Rh)	O+	Cross Clamp Time	09/02/2019 14:54 EST	
BMI (Kg/m²)	16.82	Cold Ischemia Time*	19 Hours 37 Mins.	
Weight (kg)	25			
Height (cm)	121.92			
Cause of Death	CVA/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Intracranial Hemorrhage	Organs Recovered	Heart <input 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"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 15 Mins.	
CPR / Time	Yes <input checked="" type="checkbox"/> 10 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	10 – 15 minutes	Blood Culture	No Growth	
Date /Time of Admission	8/28/2019 00:00 EST	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		Acute Lung Injury	Bilateral lung opacities.	

*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	None	-----	-----	-----
History of cancer	None	-----	-----	-----
CAD	None	-----	-----	-----
Hypertension	None	-----	-----	-----
Hyperlipidemia	None	-----	-----	-----
Autoimmune disease	None	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input checked="" type="checkbox"/> Paternal Grandfather	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Paternal great grandfather, grandfather , had diabetes			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	132/63	
Average Low BP During Hospitalization	78/43	Duration: 5-30 min
Average BP in OR (mmHg)	120/40	
Average Low BP in OR (mmHg)	66/30	Duration: 10 min
Average HR in OR (bpm)	60	
ABG-pH range	7.2- 7.54	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	1378	-----	1378
PRBCs	522	-----	522
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	-----	-----	-----
Neo-Syneprine	-----	-----	-----
Epinephrine	5 days before organ recovery		-----
Phenylephrine	-----	-----	-----
Dopamine	1mcg/kg/min Day 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	-----	-----	-----
Neo-Syneprine (phenylephrine)	-----	-----	-----
Epinephrine	-----	0.4-0.6 mcg/kg/min	-----
Dopamine	-----	1 mcg/kg/min	-----
Heparin	-----	7600	-----
Solumedral	-----	14mg	-----

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	0.002
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	1.24	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	3	25	Class II	DR	8	15
	B	8	18		DR51	51	51
	C	07	12		DR52	Negative	Negative
	Bw4	Negative			DR53	Negative	Negative
	Bw6	Positive			DQB1	4	6
			DQA1		01	04	
			DPB1		02:01	04:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	03:01	25:01	Class II	DRB1	15:01	08:01
	B	08:01	18:01		DRB3	-----	-----
	C	07:01	12:03		DRB4	-----	-----
					DRB5	01:01	-----
					DQB1	04:02	06:02
					DQA1	01:02	04:01
					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	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	-----	-----	-----
Ultrio HBV	Non- Reactive	✓	-----
Ultrio HCV	Non- Reactive	✓	-----
Ultrio HIV	Non- Reactive	✓	-----
Toxoplasma Ab	Negative	✓	-----



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Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	140	168	160
Creatinine (<1.5)	0.8	3.6	3.6
Glucose (mg/dL) (60-150)	199	200	171
HbA1C%	ND	-----	-----
Total bilirubin (0-1.0)	0.6	1.4	1.4
SGOT (AST) (0-40)	59	107	48
SGPT (ALT) (5-35)	28	70	47
Alkaline phosphatase (45-110)	113	113	74
Serum Amylase (23-851)	160	225	99
Serum Lipase (0-80)	127	127	23
WBC (THO/uL) (4.5-11.0)	4.1	9.5	4
Hgb (g/dL) (12-16)	11.9	12.3	8.7
Platelets (THO/uL) (150-350)	279	279	78
INR (<2.0)	1.47	2.09	1.39

Urinalysis

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

Medications During Hospitalization

Steroids**	-----
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	Yes – started 22 hours before 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