

HPAP018 Donor Summary



HPAP	018	UNOS		
Recovery OPO	GLDP	Allocation Via	UPENN <input checked="" type="checkbox"/> nPOD <input type="checkbox"/>	
Age (years)	31	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	74 Hours 18 Mins.	
ABO (Rh)	A+ (A1 subtype)	Cross Clamp Time	11/15/2017 @ 20:07 EST	
BMI (Kg/m²)	24.47	Cold Ischemia Time*	14 Hours 43 Mins.	
Cause of Death	Head Trauma	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	GSW (Suicide)	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 type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 30 Mins.	
CPR / Time	Yes <input type="checkbox"/> No <input checked="" 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	None	Blood Culture	No Growth	
Date /Time of Admission	11/12/2017 @17:49 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	None	-----	-----	-----
History of cancer	None	-----	-----	-----
CAD	None	-----	-----	-----
Hypertension	None	-----	-----	-----
Hyperlipidemia	Not Known	-----	-----	-----
Autoimmune disease	Not Known	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	Knee surgery 2015			
Comments:				

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	130/80	
Average Low BP During Hospitalization	113/42	Duration: 5 mins.
Average BP in OR (mmHg)	120/80	
Average Low BP in OR (mmHg)	95/60	Duration: 1 minute
Average HR in OR (bpm)	85	
ABG-pH range	7.22 ----7.46 (7.41 in OR)	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	800	2	1600
PRBCs	1,415	-----	1,415
Platelets	242	-----	242
Norepinephrine (Levophed)			
Vasopressin	Component of T4 protocol –started d (-1) before OR		
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	Started d(-1) before OR @ 20mcg/min.		
Dopamine			

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	730	-----	730
Platelets	226	-----	226



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Norepinephrine (Levophed)	None	-----	-----
Vasopressin	Component of T4 Protocol @ 40mcg/hr		
Neo-Synephrine (phenylephrine)	None	-----	-----
Epinephrine	None	-----	-----
Dopamine	None	-----	-----
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	2	0	2.018	-0.007	6.4	ND
Cut-off values	20	5	0.010	0.020	-----	-----

*Sample obtained at time of organ recovery

HLA (OPO)*

Class 1	A	24	2403	Class II	DR	7	13
	B	63	44		DR51	Negative	
	C	07	16		DR52	52	(Positive)
	Bw4	Positive			DR53	53	(Positive)
	Bw6	Negative			DQB	2	6
					DQA	01	02
					DPB	10:01	14:01
Comment:							

*Methodology:RT-PCR

Confirmatory HLA (UPENN)*

Class 1	A	24:02	24:03	Class II	DRB1	13:02	07:01
	B	15:17	44:03		DRB3	03:01	
	C	07:01	16:01		DRB4	-----	01:01
					DRB5	-----	-----
					DQB1	02:02	06:04
					DQA1	01:02	02:01
					DPB1	10:01	14:01
					DPA1	02:01	-----

*HLA typing performed using NGS

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Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	Yes	-----
EBV IgM	Negative	Yes	-----
CMV	Negative	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	Negative	Yes	-----

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	169	149
Creatinine (<1.5)	0.8	1.4	1.3
Glucose (mg/dL) (60-150)	135	260	226
HbA1C%	5.4	-----	-----
Total bilirubin (<1.5)	1.9	3.1	2.3
SGOT (AST) (0-4)	126	126	80
SGPT (ALT) (5-35)	28	31	30
Alkaline phosphatase (45-110)	44	44	37
Serum Amylase (23-851)	118	1154	326
Serum Lipase (u/L)	12	13	13
WBC (THO/uL) (4.5-11.0)	11.4	30.2	19.4
Hgb (g/dL) (12-16)	12.9	12.9	8.7
Platelets (THO/uL) (150-350)	246	246	59
INR (<2.0)	1.23	2.48	1.22

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Negative	Negative	500	-----



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Medications During Hospitalization

Steroids**	-----
Diuretics	Lasix 20 mg d (-1) before OR
T3 Protocol	-----
T4 Protocol*	Started d(-1) before OR and continued in OR @ 40 mcg/hr
Insulin**	-----
Antihypertensive	-----
Vasodilators	-----
DDAVP**	None
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