

HPAP-058 Donor Summary



HPAP	058	UNOS	
Recovery OPO	VATB-LifeNet Health	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	34	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	African American	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	77 Hours 6 Mins
ABO (Rh)	B+	Cross Clamp Time	02/10/2020 14:46 EST
BMI (Kg/m2)	29.26	Cold Ischemia Time*	9 Hours 49 Mins
Weight (kg)	92.5		
Height (cm)	177.8		
Cause of Death	Cerebrovascular/Stroke	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>
Mechanism of Injury	Intracranial Hemorrhage/Stroke	Organs Recovered	Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Lung <input checked="" type="checkbox"/> Pancreas <input checked="" type="checkbox"/> Liver <input checked="" type="checkbox"/> Intestine <input type="checkbox"/>
Cardiac Arrest/Downtime (min)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from peritoneal cavity (min)	None
CPR / Time (min)	Yes <input type="checkbox"/> No <input checked="" 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 (min)	None	Blood Culture	Negative, No Growth
Date/Time of Admission	2020-02-07 09:40:00 EST	PHS High Risk	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
		Acute Lung Injury	Yes (Pneumonia)

*Cold Ischemia time is calculated from time of cross clamp to start of enzyme perfusion for islet isolation

HPAP058 Donor Summary



Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T2DM	<1 year	None	N/A
History of Cancer	None	N/A	N/A	N/A
CAD	None	N/A	N/A	N/A
Hypertension	None	N/A	N/A	N/A
Hyperlipidemia	Yes	---	---	---
Autoimmune disease	None	N/A	N/A	N/A
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Autoimmune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	Patient had history of asthma and was newly diagnosed with T2D. No family history listed on donor chart			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	125/50	
Average Low BP During Hospitalization	72/47	Duration: 60.0 min
Average BP in OR (mmHg)	120/70	
Average Low BP in OR (mmHg)	90/62	Duration: 2.0 min
Average HR in OR (bpm)	110.0	
ABG-pH range	7.11 - 7.46	



Interventions – After brain death and before organ recovery

Drug	Dose	Units	Total dose
Fresh Frozen Plasma	----	----	----
PRBCs	310	ml	620 ml
Platelets	----	----	----
Norepinephrine	5-60	mcg/min	36,155 mcg
Vasopressin	0.2 -5	Units/hr	19.3 units
Insulin Regular	1-45	Units/hr	950 units
Levothyroxine	10-20	mcg/hr	648 mcg
Methylprednisolone	100	mg/hr	3,633 mg
Zosyn	4.5	gm	36 gm
Vancomycin	1,500	mg	6,000 mg
Potassium Chloride	10-20	mEq	150 mEq
Potassium Phosphate	15-30	mmol	135 mmol
Hydrocortisone	100	mg	200 mg
Magnesium Sulfate	2	gm	2 gm
Albuterol	2.5	mg	20 mg
Pantoprazole	40	mg	40 mg
Furosemide	40	mg	40 mg
25% Albumin	100	ml	100 ml

Interventions - Intraoperative

Drug	Dose	Units	Total dose
Fresh Frozen Plasma	----	----	----
PRBCs	----	----	----
Platelets	----	----	----
Norepinephrine	8	mcg/min	856 mcg
Levothyroxine	20	mcg/hr	35 mcg
Insulin Regular	47	units/hr	82 units
Methylprednisolone	100	mg/hr	175 mg
Heparin Sodium	30,000	units	30,000 units
Furosemide	100	mg	100 mg
Mannitol 25%	25	gm	25 gm

Initial Autoantibody Screening: Not performed for T2D

HPAP058 Donor Summary



GAD-65	IA-2
ND	ND

Confirmatory Results: Radio-immuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	ND	ND	ND	ND
Cut-off values	N/A	N/A	N/A	N/A

	C-peptide (ng/ml)	Proinsulin
Results	ND	ND
Cut-off values	N/A	N/A

HLA (OPO)

Class 1	A	23	30	Class II	DR	8	15
	B	65	65		DR51	51	-
	C	w8	w8		DR52	-	-
	Bw4	Negative			DR53	-	-
	Bw6	Positive			DQB1	7	6
			DQA1		01	04	
			DPB1		02:01	105:01	

**Confirmatory HLA**

Class 1	A	ND	ND	Class II	DRB1	ND	ND
	B	ND	ND		DRB3	ND	ND
	C	ND	ND		DRB4	ND	ND
					DRB5	ND	ND
					DQB1	ND	ND
					DQA1	ND	ND
					DPB1	ND	ND
					DPA1	ND	ND

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Positive	✓	
EBV IgM	Negative	✓	
CMV total Ab	Negative	✓	
HBcAb	Non-Reactive	✓	
HBsAg	Negative	✓	
HCV Ab	Non-Reactive	✓	
HIV I/II	Non-Reactive	✓	
Syphilis	Non-Reactive	✓	
Procleix Ultrio	ND		
Ultrio HBV	Negative	✓	
Ultrio HCV	Negative	✓	
Ultrio HIV	Negative	✓	
Toxoplasma Ab	IgG Negative, IgM ND	✓	

HPAP058 Donor Summary



Word did not find any entries for your table of contents.

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	141	165	165
Creatinine (<1.5)	0.99	1.05	1.03
Glucose (mg/dL) (60-150)	523	569	271
HbA1C%	9.4 (2-9-2020)		
Total bilirubin (0-1.0)	0.5	1.7	0.4
SGOT (AST) (0-40)	15	85	85
SGPT (ALT) (5-35)	11	23	7
Alkaline phosphatase (45-110)	153	153	116
Serum Amylase (u/L) (23-851)	0.15		
Serum Lipase (0-80)	ND	ND	ND
WBC (THO/uL) (4.5-11.0)	18.7	18.9	16.3
Hgb (g/dL) (12-16)	13.7	13.7	8.5
Platelets (THO/uL) (150-350)	481	481	204
INR (<2.0)	1.2	1.6	1.4

Urinalysis

	1 st	2 nd	3 rd	4 th
Glucose	Positive (>=500)	Positive (>=500)	Positive (>=500)	Positive (>=500)



Medications During Hospitalization (from admission to brain death)

Steroids**	No	
Diuretics	No	
T3 Protocol	---	
T4 Protocol*	Yes	
Insulin**	Yes – Insulin Regular IV ave 18 units/hr for 29 hrs and 10 units x 1	
Antihypertensives	Esmolol 10 mg x1 and 20 mg x2 Labetalol 20 mg x2	
Vasodilators	Clevidipine 75 mg over 26 hrs	
DDAVP**	2 mcg one dose	
Total parenteral nutrition	ND	
Other	Yes	Lebetiracetam 500 mg x 1, 1000 mg x 2 Heparin Sodium 1,480 units Vasopressin 3 Units/hr for 16 hrs Norepinephrine 32 mcg/min for 14 hrs

*T4 protocol: Levothyroxine (20 mcgs), Solumedrol (2 gms), Dextrose 50% (1 amp), Regular Insulin (20u), Vasopressin (1 unit)

** Excluding T4 Protocol