

HPAP-132 Donor Summary



HPAP	132	UNOS	
Recovery OPO	CAGS - Sierra Donor Services	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	5	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	<input type="checkbox"/> Hours <input type="checkbox"/> Mins.
ABO (Rh)		Cross Clamp Time	09/18/2022 10:52 PDT
BMI (Kg/m²)	15.717	Cold Ischemia Time*	<input type="text" value="20"/> Hours <input type="text" value="37"/> Mins.
Weight (kg)	17.000		
Height (cm)	104		
Cause of Death	HEAD TRAUMA	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> NA
Mechanism of Injury	BLUNT INJURY	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 type="checkbox"/> No <input checked="" type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	<input type="text"/> Hours <input type="text"/> Mins. NA
CPR / Time	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	No Downtime	Blood Culture	No growth after 2 days
Date /Time of Admission	09/11/2022 12:42 PDT	PHS High Risk	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Mild residual right lower lung atelectasis /consolidation.

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



HPAP-132 Donor Summary

Medical History:

		Duration	Medications	Compliance
Type of Diabetes	-----	-----	-----	-----
History of cancer	-----	-----	-----	-----
CAD	-----	-----	-----	-----
Hypertension	-----	-----	-----	-----
Hyperlipidemia	-----	-----	-----	-----
Autoimmune disease	-----	-----	-----	-----
Family History	CAD <input type="checkbox"/>	Diabetes <input type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	None			
Comments:	-----			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	119/76	
Average Low BP During Hospitalization	84/53	Duration: 30 min
Average BP in OR (mmHg)	138/91	
Average Low BP in OR (mmHg)	NA	Duration: 15 min
Average HR in OR (bpm)	102	
ABG-pH range	7.08 – 7.58	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	0.18 MCG/KG/MIN started 145:52 hrs. before organ recovery for the duration of 48:55 hrs.	
Vasopressin	-----	Ongoing 0.02 UNITS/HR started 157:07hrs. before organ recovery	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	0.2 MCG/KG/MIN started 149:22 hrs. before organ recovery for the duration of 50:03 hrs.	
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----



HPAP-132 Donor Summary

Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	-----	-----	-----
Vasopressin	in NS 0.9% 250 ml infusion -----	0.2 units/ml 0.4 units injection	7.4 units -----
Neo-Synephrine (phenylephrine)	-----	-----	-----
Epinephrine	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	5,700	-----

Initial Autoantibody Screening (nPOD): ELISA

GAD-65 (GAD A)	IA-2
Positive (index 1.2)	Negative

Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	0	0	-0.005	-0.002
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	2.88	NA

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	3	Class II	DR	4	13
	B	39	72		DR51	N-Negative	N-Negative
	C	02	07		DR52	52	-----
	Bw4	Negative			DR53	53	-----
	Bw6	Positive			DQB1	6	8
			DQA1		01	03	
			DPB1		04:02	105:01	
		DPA1	01	03			
Comment:							

HPAP-132 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	02:01	03:01	Class II	DRB1	04:04	13:16
	B	15:03	39:05		DRB3	03:01	-----
	C	02:10	07:02		DRB4	-----	01:03
					DRB5	-----	-----
					DQB1	03:02	06:04
					DQA1	01:02	03:01
					DPB1	04:02	105:01
					DPA1	01:03	03:01

*HLA typing performed using NGS

Infectious Disease Serology

Test	Result	Hemo/Plasma Dilution Status	
		Qualified	Non-Qualified
EBV IgG	Negative	✓	-
EBV IgM	Negative	✓	-
CMV IgG (EIA)	Equivocal	✓	-
CMV IgM (EIA)	Negative		-
HBcAb	Non-Reactive	✓	-
HBsAg	Non-Reactive	✓	-
HCV Ab	Non-Reactive	✓	-
HIV I/II	Non-Reactive	✓	-
Syphilis	Non-Reactive	✓	-
Procleix Ultrio	ND	-	-
Ultrio HBV	Non-Reactive	✓	-
Ultrio HCV	Non-Reactive	✓	-
Ultrio HIV	Non-Reactive	✓	-
Toxoplasma Ab	Negative	✓	-
WNV	Non-Reactive	✓	-
SARS-CoV-2	Negative	✓	-



HPAP-132 Donor Summary

Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	146	168	151
Creatinine (<1.5)	0.54	0.54	0.38
Glucose (mg/dL) (60-150)	254	318	160
HbA1C%	NA	NA	NA
Total bilirubin (0-1.0)	0.7	0.9	0.4
SGOT (AST) (0-40)	98	98	22
SGPT (ALT) (5-35)	23	179	44
Alkaline phosphatase (45-110)	171	184	130
Serum Amylase (23-851)	109	109	ND
Serum Lipase (0-80)	10	30	ND
WBC (THO/uL) (4.5-11.0)	23.6	23.6	12.9
Hgb (g/dL) (12-16)	10.1	11	9.5
Platelets (THO/uL) (150-350)	148	204	204
INR (<2.0)	1.32	1.46	1.26

Urinalysis

	1 st	2 nd	3 rd	4 th	5 th
Glucose	Positive: 300	Negative	Positive: 50	Negative	Positive: 70

Medications During Hospitalization

Steroids**	Solumedrol
Diuretics	-----
T3 Protocol	-----
T4 Protocol*	-----
Insulin**	-----
Antihypertensive	-----
Vasodilators	-----
DDAVP**	Arginine vasopressin started 156:07hrs before organ recovery
Total parenteral nutrition	-----
Other	Fentanyl 50 mcg, Rocuronium 50 mg, LR 400 ml
	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