

HPAP - 044 Donor Summary



HPAP	044	UNOS		
Recovery OPO	NVLV- Nevada Donor Network	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
Age (years)	3	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 type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	142 Hours 30 Mins.	
ABO (Rh)	0+	Cross Clamp Time	7/30/2019 15:52 PST 7/30/2019 18:52 EST	
BMI (Kg/m²)	11.96	Cold Ischemia Time*	16 Hours 42 Mins.	
Weight (kg)	12.2			
Height (cm)	101.00			
Cause of Death	Anoxia	Preservation Solution	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
Mechanism of Injury	Drowning	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"/> 60 minutes No <input type="checkbox"/>	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	0 Hours 29 Min	
CPR / Time	Yes <input checked="" type="checkbox"/> 47 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	Not Known	Blood Culture	No Growth	
Date /Time of Admission	07/24/2019 17:22 PST 07/24/2019 20:22 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.

HPAP - 044 Donor Summary



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 type="checkbox"/>	Auto immune disease <input type="checkbox"/>	Others:
Surgical History:	No surgical History documented			
Comments:	-			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	114/63	
Average Low BP During Hospitalization	77/38	Duration: 15 minutes
Average BP in OR (mmHg)	122/75	
Average Low BP in OR (mmHg)	90/56	Duration: 1 minute
Average HR in OR (bpm)	122	
ABG-pH range	7.1 – 7.48	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	120 ml, 4 days before organ recovery		120
PRBCs	3 hours before organ recovery		350
Platelets	-	-	-
Norepinephrine (Levophed)	-	-	-
Vasopressin	-	-	-
Neo-Synephrine	-	-	-
Epinephrine	-	-	-
Phenylephrine	-	-	-
Dopamine	-	-	-

HPAP - 044 Donor Summary



Blood Products/Meds Transfused Intraoperative

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-	-	-
PRBCs	-	-	-
Platelets	-	-	-
Norepinephrine (Levophed)			
Vasopressin	0.5 mu/kg/hr started 9 hours before organ recovery		
Neo-Syneprine (phenylephrine)			
Epinephrine			
Dopamine			
Heparin	-	5000	

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	0.001	0.003
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	8.16	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	2	2	Class II	DR	15	17
	B	7	8		DR51	51	-
	C	07	07		DR52	52	-
	Bw4	negative			DR53	negative	negative
	Bw6	positive			DQB1	2	6
			DQA1		01	05	
DPB1			03:01		05:01		
Comment:							

HPAP - 044 Donor Summary



Confirmatory HLA (UPENN)*

Class 1	A	02:01	-	Class II	DRB1	15:01	03:01
	B	07:02	08:01		DRB3	01:01	-
	C	07:01	07:02		DRB4	-	-
					DRB5	-	01:01
					DQB1	02:01	06:02
					DQA1	01:02	05:01
					DPB1	03:01	05:01
					DPA1	01:03	02:06

*HLA typing performed using NGS

Infectious Disease Serology

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

HPAP - 044 Donor Summary



Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	137	163	163
Creatinine (<1.5)	0.73	0.79	0.32
Glucose (mg/dL) (60-150)	315	428	193
HbA1C%	5.3	-	-
Total bilirubin (0-1.0)	0.1	0.5	0.5
SGOT (AST) (0-40)	633	633	179
SGPT (ALT) (5-35)	566	566	44
Alkaline phosphatase (45-110)	276	276	158
Serum Amylase (23-851)	99	99	41
Serum Lipase (0-393)	348	348	139
WBC (THO/uL) (4.5-11.0)	9.1	9.1	3.76
Hgb (g/dL) (12-16)	12.8	14.9	7.0
Platelets (THO/uL) (150-350)	266	266	83
INR (<2.0)	1.1	2.3	1.2

Urinalysis

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

Medications During Hospitalization

Steroids**	-
Diuretics	-
T3 Protocol	None
T4 Protocol*	Yes. Started 24 hours before organ recovery
Insulin**	-
Antihypertensive	-
Vasodilators	-
DDAVP**	-
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