

HPAP-087 Donor Summary



HPAP	087	UNOS	
Recovery OPO	ALOB -Legacy of Hope	Allocation Via	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>
Age (years)	15	DCD	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Race	White: Not Specified/unknown	DBD	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Sex	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	Admission to Cross Clamp	169 Hours 34 Mins.
ABO (Rh)	O+	Cross Clamp Time	03/07/2021 18:34 CST
BMI (Kg/m²) Weight (kg) Height (cm)	19.3 55 169	Cold Ischemia Time*	15 Hours 49 Mins.
Cause of Death	Anoxia	Preservation Solution	UW <input type="checkbox"/> HTK <input type="checkbox"/> SPS-1
Mechanism of Injury	Cardiovascular	Organs Recovered	Heart <input checked="" 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	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 45 minutes	Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:	00 Hours 6 Mins.
CPR / Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 45 minutes	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	45 minutes	Blood Culture	No Growth
Date /Time of Admission	2/28/2021 17:00 CST	PHS High Risk	YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>
		Acute Lung Injury	Bibasilar atelectasis with possible bibasilar infiltrate

*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	T1DM	6-10 years	Novalog, Insulin pump Dexcom	Yes
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:	Medical HX: Asthma, Bee stings and seasonal allergies, Medication HX: Symbicort , Ibuprofen			

Hemodynamic Profile

Average BP During Hospitalization (mmHg)	112/68	
Average Low BP During Hospitalization	81/57	Duration: 15 minutes
Average BP in OR (mmHg)	140/80	
Average Low BP in OR (mmHg)	110/60	Duration: 1 minute
Average HR in OR (bpm)	110	
ABG-pH range	6.78 – 7.5	

INTERVENTION

Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	2 x total volume of 503 ml	
Norepinephrine (Levophed)	-----	0.004 mcg/min started 3 days before organ recovery for the duration of 35:00 hrs.	
Vasopressin	-----	Ongoing 0.1 units/hr. started 4 days before organ recovery	
Neo-Syneprine	-----	-----	-----
Epinephrine	-----	-----	-----
Phenylephrine	-----	-----	-----
Dopamine	-----	0.5 mcg/kg/min started 2 days before organ recovery for the duration of 28:39 hrs.	

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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	-----	-----	-----
Dopamine	-----	-----	-----
Heparin	-----	30,000	-----

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	0.147	-0.006
Cut-off values	20	5	0.010	0.020

*Sample obtained at time of organ recovery.

	C-peptide (ng/ml)	Proinsulin
Results	<0.02	ND

*Sample obtained at time of organ recovery.

HLA (OPO)*

Class 1	A	29	31	Class II	DR	17	4
	B	8	44		DR51	N-Negative	N-Negative
	C	07	16		DR52	52	N-Negative
	Bw4	Positive			DR53	N-Negative	53
	Bw6	Positive			DQB1	2	8
			DQA1		03	05	
			DPB1		01:01	02:01	
Comment:							

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Confirmatory HLA (UPENN)*

Class 1	A	29:02	31:01	Class II	DRB1	03:01	04:02
	B	08:01	44:03		DRB3	01:01	-----
	C	07:01	16:01		DRB4	----	01:03
					DRB5	----	----
					DQB1	02:01	03:02
					DQA1	05:01	03:01
					DPB1	01:01	02:01
					DPA1	01:03	02:01

*HLA typing performed using NGS