

## HPAP023 Donor Summary



<b>HPAP</b>	023	<b>UNOS</b>		
<b>Recovery OPO</b>	Midwest Transplant Network KS	<b>Allocation Via</b>	UPENN <input type="checkbox"/> nPOD <input checked="" type="checkbox"/>	
<b>Age (years)</b>	17	<b>DCD</b>	YES <input checked="" type="checkbox"/> (WIT 21 minutes) NO <input type="checkbox"/>	
<b>Race</b>	Caucasian	<b>DBD</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<b>Sex</b>	M <input type="checkbox"/> F <input checked="" type="checkbox"/>	<b>Admission to Cross Clamp</b>	62 Hours 44 Mins.	
<b>ABO (Rh)</b>	A (+)	<b>Cross Clamp Time</b>	4/3/2018 @ 11:24 CST 4/3/2018 @ 12:24 EST	
<b>BMI (Kg/m<sup>2</sup>)</b>	21.35	<b>Cold Ischemia Time*</b>	21 Hours 03 Mins.	
<b>Cause of Death</b>	Anoxia/DKA	<b>Preservation Solution</b>	UW <input checked="" type="checkbox"/> HTK <input type="checkbox"/>	
<b>Mechanism of Injury</b>	IDDM/DKA	<b>Organs Recovered</b>	Heart <input 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"/>
<b>Cardiac Arrest/Downtime</b>	Yes <input checked="" type="checkbox"/> 20 minutes No <input type="checkbox"/>	<b>Intraoperative time lapse from liver to pancreas removal from the peritoneal cavity:</b>	Hours Mins. Not Available	
<b>CPR / Time</b>	Yes <input checked="" type="checkbox"/> 20 minutes No <input type="checkbox"/>	<b>Organs Discarded</b>	Heart <input type="checkbox"/> Lung <input type="checkbox"/> Liver <input type="checkbox"/>	Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Intestine <input type="checkbox"/>
<b>Total Est. Downtime</b>	40 minutes	<b>Blood Culture</b>	No Growth	
<b>Date /Time of Admission</b>	03/31/2018 @ 20:40 CST 03/31/2018 @ 21:40 EST	<b>PHS High Risk</b>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
		<b>Acute Lung Injury</b>	No ARDS	

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

## HPAP023 Donor Summary



### Medical History:

		Duration	Medications	Compliance
Type of Diabetes	T1DM	7 years	Humalog & Levimir	Poor
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:				
Comments:	7 months prior to this current admission patient had DKA and coded in ER			

### Hemodynamic Profile

Average BP During Hospitalization (mmHg)	110/60	
Average Low BP During Hospitalization	84/44	Duration: 15 minutes
Average BP in OR (mmHg)	DCD	
Average Low BP in OR (mmHg)	DCD	Duration: -----
Average HR in OR (bpm)	DCD	
ABG-pH range	7.23 ----- 7.54	

### INTERVENTION

#### Blood Products/Meds Transfused Before Organ Recovery

Product	Amount (ml)	Units	Total (ml)
Fresh Frozen Plasma	-----	-----	-----
PRBCs	-----	-----	-----
Platelets	-----	-----	-----
Norepinephrine (Levophed)	Started 24 hours Prior to Organ Recovery.		
Vasopressin	Started 24 hours Prior to Organ Recovery.		
Neo-Syneprine	-----	-----	-----
Epinephrine	Started 24 hours Prior to Organ Recovery.		
Phenylephrine	-----	-----	-----
Dopamine	-----	-----	-----

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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
ND	ND

### Confirmatory results: Radioimmuno Assay (RIA)

	GAD-65 (unit/ml)	IA-2 (unit/ml)	Insulin AAB (unit/ml)	ZnT8 (unit/ml)
Results	2	0	0.835	0.000
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	02:01	33:01	Class II	DRB1	01:02	03:01
	B	08:01	14:02		DRB3	01:01	-----
	C	07:01	08:02		DRB4	-----	-----
					DRB5	-----	-----
					DQB1	02:01	05:01
					DQA1	01:01	05:01
					DPB1	04:01	34:01
Comment:					DPA1	01:03	-----

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### Confirmatory HLA (UPENN)\*

Class 1	A	02:01	33:01	Class II	DRB1	01:02	03:01
	B	08:01	14:02		DRB3	-----	01:01
	C	07:01	08:02		DRB4	-----	-----
					DRB5	-----	-----
					DQB1	02:01	05:01
					DQA1	01:01	05:01
					DPB1	04:01	34:01
					DPA1	01:03	-----

\*HLA typing performed using NGS

### Infectious Disease Serology

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

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### Laboratory Panel

	Initial	Peak	Terminal
Na (mEq/L) (135-145)	135	168	146
Creatinine (<1.5)	1.1	1.1	0.61
Glucose (mg/dL) (60-150)	529	529	213
HbA1C%	8.9	-----	-----
Total bilirubin (0-1.0)	0.2	0.6	0.6
SGOT (AST) (0-40)	52	178	178
SGPT (ALT) (5-35)	39	48	48
Alkaline phosphatase (45-110)	71	82	82
Serum Amylase (23-851)	79	-----	-----
Serum Lipase (0-80)	46	-----	-----
WBC (THO/uL) (4.5-11.0)	29.5	29.5	7.62
Hgb (g/dL) (12-16)	10.8	11.4	10.5
Platelets (THO/uL) (150-350)	258	258	108
INR (<2.0)	1.2	1.2	1.14

### Urinalysis

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
Glucose	Neg	-----	-----	-----

### Medications During Hospitalization

Steroids**	None		
Diuretics	-----		
T3 Protocol	-----		
T4 Protocol*	None		
Insulin**	Started throughout the current admission		
Antihypertensive	-----		
Vasodilators	-----		
DDAVP**	2 doses 3 days prior to Organ Recovery		
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