

## Supplementary Tables

Survey Question	Statistics
<b>KDPI, CIT, and biopsy are all factors that impact my decision to accept a donor kidney, n (%)</b>	
Agree	51 (92.7)
Neutral	2 (3.6)
Disagree	2 (3.6)
<b>Donor kidney arrival time at my hospital impacts my decision to accept a donor kidney, n (%)</b>	
Agree	14 (25.5)
Neutral	10 (18.1)
Disagree	31 (56.4)
<b>Reduction of CIT to an average of 8 hours would allow me to accept and transplant more kidneys, n (%)</b>	
Agree	42 (76.4)
Neutral	7 (12.7)
Disagree	6 (10.9)

**Supplementary Table 1.** Consideration of CIT and Donor Parameters in Organ Selection.

Survey Question	< 8 hrs	8-24 hrs	>24 hrs
<b>I would be willing to accept a marginal kidney (high KDPI) if the CIT was</b>			
Agree	42 (76.4)	36 (65.5)	14 (25.5)
Neutral	10 (18.1)	14 (25.5)	8 (14.6)
Disagree	3 (5.5)	5 (9.1)	33 (60.0)
<b>I would be willing to accept a kidney with a poor biopsy (GS rate &gt; 25%) if the CIT was</b>			
Agree	9 (16.4)	5 (9.1)	2 (3.6)
Neutral	17 (30.9)	20 (36.4)	3 (5.5)
Disagree	29 (52.7)	30 (54.6)	50 (90.9)
<b>I would be willing to accept a high KDPI kidney with a poor biopsy (GS rate &gt;25%) if the CIT was</b>			
Agree	8 (14.6)	5 (9.1)	2 (3.6)
Neutral	15 (27.3)	16 (29.1)	3 (5.5)
Disagree	32 (58.1)	34 (61.8)	50 (90.9)

**Supplementary Table 2.** Consideration of Organ Acceptance with varying CIT. N values represent %.

Survey Question	Statistics
<b>My level of knowledge regarding drones is, n (%)</b>	
Above Average	5 (9.1)
Average	31 (56.4)
Below Average	19 (34.5)
<b>Current civilian drone technologies carrying an organ payload of 20 lb allow for maximum cruise speeds of approximately, n (%)</b>	
10 mph	10 (18.1)
50 mph	30 (54.6)
100 mph	11 (20.0)
<b>200 mph</b>	4 (7.3)
500 mph	0 (0.0)
<b>Regulatory issues aside, it is technically possible for a drone to move an organ payload (20 lb) over 3 miles, n (%)</b>	
<b>Agree</b>	49 (89.1)
Neutral	6 (10.9)
Disagree	0 (0.0)
<b>Regulatory issues aside, it is technically possible for a drone to move an organ payload (20 lb) over 250 miles, n (%)</b>	
<b>Agree</b>	25 (45.5)
Neutral	16 (29.1)
Disagree	14 (25.5)
<b>Drones can fly autonomously, n (%)</b>	
<b>Agree</b>	26 (47.3)
Neutral	12 (21.8)
Disagree	17 (30.9)
<b>I have flown/piloted a drone, n (%)</b>	
True	13 (23.6)
False	42 (72.4)
<b>In my view, the primary current use of drones is for, n (%)</b>	
<b>Recreation</b>	16 (29.1)
Military/Defense	35 (63.6)
Humanitarian	1 (1.8)
Commercial	3 (5.5)

**Supplementary Table 3.** Knowledge of Drones. Bold indicates the correct answer to the technical questions.

Survey Question	Statistics
<b>Civilian drone use is a scary concept, n (%)</b>	
Agree	13 (23.6)
Neutral	17 (30.9)
Disagree	25 (45.5)
<b>Civilian drones make me nervous, n (%)</b>	
Agree	19 (34.5)
Neutral	11 (20.0)
Disagree	25 (45.5)
<b>Drones have the potential to help people, n (%)</b>	
Agree	51 (92.7)
Neutral	3 (5.5)
Disagree	1 (1.8)
<b>Drones have/will have a role in medicine, n (%)</b>	
Agree	40 (72.7)
Neutral	13 (23.6)
Disagree	2 (3.6)

**Supplementary Table 4.** Surgeon Perception of Drones.

Characteristics	Statistics
<b>Organ drone transportation as a mode of organ transport will affect my decision to accept an organ, n (%)</b>	16 (29.1)
Agree	25 (45.5)
Neutral	14 (25.5)
Disagree	
<b>Drones for organ transportation will change my patient's decision to accept an organ, n (%)</b>	4 (7.3)
Agree	28 (50.9)
Neutral	23 (41.8)
Disagree	
<b>My patients know how organs are currently transported, n (%)</b>	7 (12.7)
Agree	10 (18.1)
Neutral	38 (69.1)
Disagree	
<b>My patients will be nervous to learn their organ could be transported by drone, n (%)</b>	6 (10.9)
Agree	19 (34.5)
Neutral	30 (54.6)
Disagree	
<b>I don't care what mode of transport the organ arrives by, but speed and quality are my focus, n (%)</b>	50 (90.9)
Agree	3 (5.5)
Neutral	2 (3.6)
Disagree	
<b>I would be more likely to accept an organ shipped by drone, n (%)</b>	9 (16.4)
Agree	27 (49.1)
Neutral	19 (34.5)
Disagree	

**Supplementary Table 5.** Willingness to Accept Drone Transported Organs.

Survey Question	Statistics
<b>It would be beneficial for me to know more accurately (within minutes) when a kidney will arrive at my hospital, n (%)</b>	
Agree	48 (87.3)
Neutral	4 (7.3)
Disagree	3 (5.5)
<b>It would be beneficial for my hospital and OR staff to known more accurately (within minutes) when a kidney will arrive to my hospital, n (%)</b>	
Agree	48 (87.3)
Neutral	5 (9.1)
Disagree	2 (3.6)
<b>Organs transported by unmanned means (Drone) should be monitored real-time during transport, n (%)</b>	
Agree	47 (85.5)
Neutral	6 (10.9)
Disagree	2 (3.6)
<b>The current transport communication system is fine, and informs accepting transplant surgeons with everything they need to know regarding shipped organs, n (%)</b>	
Agree	9 (16.4)
Neutral	9 (16.4)
Disagree	37 (67.3)
<b>Innovation in organ transport is important, n (%)</b>	
Agree	50 (90.9)
Neutral	4 (7.3)
Disagree	1 (1.8)

**Supplementary Table 6.** Need for Real Time Organ Data for Transit.