Supplemental Digital Content

Tables

Table S1. Linear mixed-effect regression in older recipients of deceased donor kidneys (N=181). Development of the generic domains at 10 weeks, 6, and 12 months after KT. Comparison of survivors vs nonsurvivors

|          | PF      | RP      | BP      | GH      | VT      | SF      | RE      | MH      |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| At KT    | Ref     | Ref     | Ref     | Ref     | Ref     | Ref     | Ref     | Ref     |
| 10 weeks | 4.3     | -2.6    | 10.5    | 18.2    | 11.5    | -15.8   | 0.4     | 4.4     |
|          | 0.6, 8.0| -10.7, 5.4| 4.9, 16.0| 14.4, 22.0| 8.0, 14.9| -20.5, -11.2| -7.3, 8.0| 1.4, 7.4|
| 6 mo     | 8.4     | 13.5    | 8.2     | 19.5    | 13.0    | 4.2     | 5.8     | 5.5     |
|          | 4.2, 12.5| 5.0, 22.1| 2.6, 13.8| 15.3, 23.7| 9.3, 16.7| -0.8, 9.2| -1.8, 13.5| 2.5, 8.6|
| 12 mo    | 10.3    | 24.9    | 11.9    | 18.7    | 13.9    | 8.4     | 10.9    | 4.0     |
|          | 5.7, 15.0| 15.7, 34.1| 6.5, 17.4| 14.0, 23.4| 9.9, 18.0| 3.1, 13.7| 3.4, 18.4| 1.0, 7.0|
| Non-     | -0.1    |         |         |         |         |         | 1.1     | -5.5    |
| survivors|         |         |         |         |         |         | -5.7, 5.4|         |
|          |         |         |         |         |         |         | -10.0, 12.1| -10.3, 0.8|
| At KT    | -5.1    | -3.2    | 3.4     | -1.2    |         |         |         |         |
|          | -12.0, 1.8| -14.7, 8.3| -5.3, 12.0| -7.8, 5.5|         |         |         |         |
| 10 weeks | 3.4     |         |         | -1.2    |         |         |         |         |
|          | -3.5, 10.5| -5.3, 24.9| -22.9, -1.9| -5.6, 8.7|         |         |         |         |
| 6 mo     | -7.5    | -9.6    | -5.6    | -10.5   |         |         |         |         |
|          | -15.3, 0.4| -25.7, 6.5| -16.2, 4.9| -18.5, -2.5|         |         |         |         |
| 12 mo    | -12.4   | -20.6   | -21.7   | -11.1   |         |         |         |         |
|          | -21.5, -3.4| -38.5, -2.7| -32.4, -11.1| -20.4, -1.9|         |         |         |         |

Each variable is described by the coefficient and 95% confidence interval.

PF, physical function; RP, role physical; BP, bodily pain; GH, general health; VT, vitality; SF, social function; RE, role emotional; MH, mental health; KT, kidney transplantation.
Table S2. Linear mixed-effect regression in older recipients of deceased donor kidneys (N=181). Development of the kidney-specific domains at 10 weeks, 6, and 12 months after KT. Comparison of survivors vs nonsurvivors.

|          | Symp | EKD | BKD | Cogn | QSI | Sex | Sleep | Soc | Total |
|----------|------|-----|-----|------|-----|-----|-------|-----|-------|
| At KT    | Ref  | Ref | Ref | Ref  | Ref | Ref | Ref   | Ref | Ref   |
| 10 weeks | 6.3  | 8.3 | 21.0| -0.8 | 0.0 | 3.6 | 4.2   | 3.8 | 11.7  |
|          | 3.9, 8.7 | 5.4, 11.2 | 15.5, 26.4 | -3.5, 2.0 | -2.7, 2.7 | -4.1, 11.4 | 1.1, 7.4 | -0.6, 8.1 | 8.1, 15.4 |
| 6 mo     | 8.2  | 13.9| 35.8| 2.4  | 3.5 | 4.0 | 7.8   | 7.0 | 15.0  |
|          | 5.7, 10.7 | 11.0, 16.9 | 30.4, 41.3 | -0.4, 5.2 | 0.8, 6.3 | -3.5, 11.5 | 4.6, 11.0 | 2.6, 11.4 | 11.4, 18.7 |
| 12 mo    | 8.4  | 14.5| 39.7| 3.6  | 3.0 | 5.7 | 7.3   | 6.4 | 15.2  |
|          | 6.0, 10.8 | 11.6, 17.3 | 34.4, 45.0 | 0.9, 6.3 | 0.3, 5.7 | -1.7, 13.0 | 4.3, 10.5 | 2.1, 10.7 | 11.6, 18.7 |
| Non-      |      |     |     |      |     |     |       |     |       |
| survivors |      |     |     |      |     |     |       |     |       |
| At KT    | 1.4  | -4.2| -4.8| -1.2 | 7.2 | 0.4 |       |     |       |
|          | -3.1, 5.8 | -9.5, 1.1 | -13.7, 4.1 | -6.1, 3.6 | 1.2, 13.1 |       |     | -5.9, 6.8 |
| 10 weeks | 0.8  | 6.0 | 8.4 | 1.9  | -6.8| -0.5|       |     |       |
|          | -3.9, 5.4 | 0.4, 11.5 | -17.185, 7.1 | -3.3, 7.1 | -12.7, -0.9 | -7.3, 6.4 |     |       |
| 6 mo     | -3.4 | -1.0| -11.6| -1.8 | -6.6| -5.5|       |     |       |
|          | -8.1, 1.3 | -6.6, 4.7 | -22.0, -1.3 | -7.1, 3.5 | -12.7, -0.5 | -12.4, 1.4 |     |       |
| 12 mo    | -6.1 | -4.6| -8.9 | -6.7 | -8.1, 11.3 | -14.1, -2.1 | -18.2, -4.4 |     |       |

Each variable is described by the coefficient and 95% confidence interval.

Symp, symptoms; EKD, effect of kidney disease; BKD, burden of kidney disease; Cogn, cognitive; QSI, quality of social interaction; Soc, social support; KT, kidney transplantation.
Figure S1: Developmental trajectories for the generic HRQOL domains
Figure S2: Developmental trajectories for the kidney-specific HRQOL domains