

# Sexual Function Recovery in Kidney Transplant



## Donors and Recipients After a Year of Follow-Up

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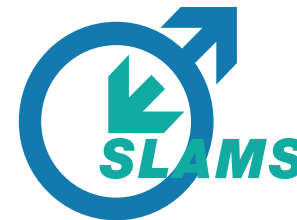


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# Background

- As a donor, possible risks must be considered before undergoing a surgery for someone else's benefit
- Sexual dysfunction has an important impact on quality of life

# Objective

- To analyze the dynamics in sexual function among male kidney donors and recipients, before and one year after surgery

# Material and Methods

- Prospective study including male kidney transplant recipients and donors from July 2011 until March 2014
- IIEF (spanish validated version)
  - At hospital admission before surgery
  - Monthly after surgery during the first year
- eGFR was measured

# Results

- 52 kidney recipients and 12 donors
  - Cadaveric donors 10
  - Living donors 42
- Mean age of recipients was 34.48 (SD 12.97) years old
- Mean age of donors was 37.82 (SD 9.15) years old

# IIEF (SD)

	Donor	Recipient	<i>p</i>
<b>Baseline</b>	61.5 (12.2)	35.33 (22.04)	0.02
<b>1 Month</b>	32.21 (16.15)	37.3 (24.87)	0.67
<b>3 Months</b>	57.75 (14.93)	47.67 (21.4)	0.38
<b>6 Months</b>	56.75 (12.5)	61.00 (21.4)	0.66
<b>12 Months</b>	45.75 (25.47)	61.78 (15.54)	0.18

# Results – Individual domains

- **Before Transplantation:** All individual domains had statistically significant worse scores in recipients
- **One Year After Transplantation:** All individual scores were comparable
- **Mean Glomerular Filtration Rate** at one month ( $p=0.55$ ), and at one year after transplant ( $p=0.85$ ) were similar in both groups

# Conclusions

- Before transplantation, kidney recipients have a worse sexual function in comparison to healthy individuals, such as kidney donors
- Just a month after the surgery the difference among groups was not significant
- One year after nephrectomy, donors had not reach baseline IIEF values



# Comments



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