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SIMILAR**Name of Journal:** *World Journal of Transplantation***Manuscript NO:** 54896**Manuscript Type:** ORIGINAL ARTICLE*Prospective Study***Living kidney donor assessment: Kidney length vs differential function**Akoh JA *et al.* Kidney length in living donor assessment

Jacob A Akoh, Katharina J Schumacher

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## Isotope Differential Renal Function Versus Ultrasound ...

Author: Jacob A. Akoh, Tahawar A. Rana, Sar...

Publish Year: 2010

Isotope Differential Renal Function Versus Ultrasound Measured Kidney Size in Assessing Potential Living Donors Jacob A. Akoh, MD; Tahawar A. Rana, MD; Sarah L. Stacey, BSc (Hons) Dr. Akoh is consultant general and transplant surgeon, Dr. Rana is a clinical fellow in ...

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/dat.20398>

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<https://www.researchgate.net/publication/246698748...>

## Living Kidney Transplantation: Evaluation of Renal ... [翻译此页](#)

Cited by: 8

Author: G. Grassi, H. Abdelkawy, M. Barsotti, G. P...

Publish Year: 2009

Some recent articles indicate that it is possible to obtain information on renal function also by renal sonography.<sup>9, 19</sup> Morphological assessment of our potential living kidney donors included renal sonography and scintigraphy. Kidney length, which is an easy and reproducible measure, is commonly used to estimate renal size.

<https://www.sciencedirect.com/science/article/pii/S0041134509002012>

## Personalizing Donor Kidney Selection | American ... [翻译此页](#)

Author: David P. Foley, Deirdre Sawinski

Publish Year: 2020



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## Living Donor Evaluation | National Kidney Foundation

<https://www.kidney.org/transplantation/livingdonors/evaluation> ▼

A 24-hour urine sample is collected to make sure you have good **kidney function**. If it is found that your **kidney function** is low, they will most likely advise against **donation**. Gynecological examination. Female **donors** may need to have a gynecological exam and mammography. Cancer screening.

Testing Involved in The Living Donor Evaluation Process · Find a Transplant Center

## Isotope Differential Renal Function Versus Ultrasound ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/dat.20398>

However, in 10 **donors**, **kidney length** was inversely related to the divided renal **function** (Table III). In 2 potential **donors** with **differential function** greater than 20%, there were negligible differences in their lengths (28 [36/64], 0.3 cm; 32 [34/66], 0.8 cm).

## Live Kidney Donor Assessment and Donation

<https://www.nhslothian.scot/HealthInformation/...> ▼

It gives an overall measure of **kidney function**, allowing us to determine whether we can safely remove one and leave you with good **kidney function** for the rest of your life **Differential kidney function scan**





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It gives an overall measure of **kidney function**, allowing us to determine whether we can safely remove one and leave you with good **kidney function** for the rest of your life **Differential kidney function** scan (DMSA) – This test involves an injection of radioisotope agent followed by a scan to assess the contribution of each individual **kidney** ...

## [Living Donor Evaluation | National Kidney Foundation](#)

<https://www.kidney.org/transplantation/livingdonors/evaluation>

**Living Donor Evaluation.** The **evaluation process** is meant to protect you. It ensures that you are healthy enough to donate a **kidney**. While there are inherent risks of **living donation** and with any surgery, the rigorous evaluation process provides a systematic ...

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## [Assessment of Differential Renal Function by CT in Living ...](#)

<https://clinicaltrials.gov/ct2/show/NCT02820376>

**Differential renal function** (DRF) measured by each technique (CT and SPECT) Regions of interest will be drawn on each **kidney** and the aorta to obtain time-intensity curves and derive the Patlak plot; the Patlak model will then be used to determine the slope of each **kidney** and thus to calculate the **differential renal function** (percentage of each **kidney** in the total renal **function**).

## [\[PDF\] Isotope Differential Renal Function Versus Ultrasound ...](#)

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/dat.20398>

**donors, kidney length** was inversely related to the divided renal **function** (Table III). In 2 potential **donors** with **differential function** greater than 20%, there were negligible differences in their lengths (28 [36/64], 0.3 cm; 32 [34/66], 0.8 cm). Overall, there were 35 **donors** with equal **differential function**, but only 6 of these had equal kid-

**Author:** Jacob A. Akoh, Tahawar A. Rana, Sar...

**Publish Year:** 2010