

**T1 versus T2 weighted Magnetic Resonance Imaging
to Assess Total Kidney Volume
in Patients with Autosomal Dominant Polycystic Kidney Disease**

Journal: Abdominal Radiology

Maatje D.A. van Gastel *, BSc¹; A. Lianne Messchendorp *, MD¹; Peter Kappert, MSc²; Merel A. Kaatee, BSc^{1,3}; Marissa de Jong, BSc¹; Remco J. Renken, MSc, PhD⁴; Gert J. ter Horst, MSc, PhD⁴; Shekar V.K. Mahesh, MD² and Ron T. Gansevoort, MD, PhD¹.

On behalf of the DIPAK consortium

Departments of ¹Nephrology, ²Radiology, ³Center for Medical Imaging and ⁴Neuro Imaging Center, University of Groningen, University Medical Center Groningen, Groningen, the Netherlands.

* both authors contributed equally to this work

Correspondence: Ron T. Gansevoort

Email: r.t.gansevoort@umcg.nl

Supplementary Table 3. Differences in TKV between T1 and T2 stratified according to liver volume (PLD classification) [1].

	Mild (n=60) (htTLV<1600 mL/m)		Moderate (n=16) (htTLV≥1600 and <3200 mL/m)		Severe (n=4) (htTLV≥3200 mL/m)	
	T1	T2	T1	T2	T1	T2
Left kidney volume	1035 [636 - 1451]	1048 [629 - 1659]	986 [685 - 1236]	984 [678 - 1253]	688 [668 - 707]	650 [607 - 700]
Right kidney volume	919 [622 - 1320]	921 [610 - 1387]*	730 [577 - 1006]	748 [574 - 1064]*	433 [316 - 689]	441 [360 - 499]
Total kidney volume	1989 [1238 - 2789]	1951 [1257 - 2961]*	1716 [1271 - 2160]	1732 [1257 - 2289]*	1112 [1001 - 1388]	1065 [993 - 1199]

Values are given as median [IQR]. *Abbreviations:* htTLV, height adjusted total liver volume. * p<0.05