Clinic name] DLOGY REQUEST FORM: TOTAL KIDNEY Int Information It Name: Weight: Phone Numb It provides the control of the con	(Contact in VOLUME (TKV) Date of Birth:	Appointment Information Date:
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idney dimensions (mm):	Right kidney dimensions (mn	n):
nal kidney length on the sagittal plane	Maximal kidney length on the sag	gittal plane
nal kidney length on the coronal plane	Maximal kidney length on the co	pronal plane
nal kidney width on the transverse (axial) plane	Maximal kidney width on the transverse (axial) plane	
nal kidney depth on the transverse (axial) plane	Maximal kidney depth on the tran	nsverse (axial) plane
mL):		
thted imaging is preferred for better visualizations and needed for the sole purpose of using the image to estim	-	
ologist's contact information		
e:		
l:		
phone:		
's Signature:		

The information contained in this transmission may contain privileged and confidential information, including patient information protected by federal and state privacy laws. It is intended only for the use of the person(s) named above.

	[Internal coding]
[Clinic name]	
	[Contact information]

Calculate a TKV Measurement (if not provided)

Ellipsoid formula²

- Review image to determine if typical* or atypical† PKD
- If typical, calculate TKV

Units for kidney dimensions are in mm. To get kidney volume in mL, multiply by 0.001.

The length should be the average of the sagittal and coronal lengths.

Note: Convert the TKV to a height-adjusted TKV by dividing TKV by height in meters.

You can also visit **QxMD.com** to help calculate a TKV measurement.

ADPKD=autosomal dominant polycystic kidney disease; PKD=polycystic kidney disease; L=length; W=width; D=depth.

References: 1. Zhang W, Blumenfeld JD, Prince MR. MRI in autosomal dominant polycystic kidney disease. *J Magn Reson Imaging*. 2019;50(1):41-51. **2.** Magistroni R, Corsi C, Martí T, Torra R. A review of the imaging techniques for measuring kidney and cyst volume in establishing autosomal dominant polycystic kidney disease progression. *Am J Nephrol*. 2018;48(1):67-78. doi:10.1159/000491022



^{*}Bilateral and diffuse distribution, with mild, moderate, or severe replacement of kidney tissue by cysts, where all cysts contribute similarly to TKV. 'Unilateral, segmental, asymmetric, or lopsided presentation, or a bilateral presentation with acquired unilateral atrophy and significant renal enlargement or bilateral kidney atrophy without significant renal enlargement.