Supplementary Table 1: Characteristics of 28 ADPKD patients who underwent a water deprivation test.

	ADPKD N=28
Age (y)	42±14
Male (%)	61
eGFR (mL/min/1,73 m^2)	74±34
Plasma osmolality (mOsm/kg)	287±6
Plasma urea (mg/dL)	24.4±10.6
24h urine volume (L)	2181 (1813-2958)
24h urine osmolality (mOsm/kg)	455±167
24h urine urea (mg/24h)	1176±328
U/P Urea ratio	23.6 (14.6-36.9)
Maximal urine osmolality (mOsm/kg)	641±172

Supplementary table 1: Data are given as mean ± SD for parametric data or median (IQR) for non-parametric data. Abbreviations are: eGFR, estimated glomerular filtration rate; U/P urea, urine-to-plasma concentration ratio of urea.

Supplementary Figure 1: Association between maximal urine concentrating capacity after water deprivation and U/P Urea in 28 ADPKD patients (β=0.82, p<0.001).