

**Table S1.** Relationship between a 2-fold increase in total bile acid concentrations on the CA and CDCA concentrations in the serum of women with ICP taking different doses of UDCA. Results shown the effect of doubling the total bile acid concentrations and the change in CA and CDCA. Results obtained with random effects generalised least square regression using log(2) of total bile acids.

UDCA dose (g)	CA			CDCA		
	Change	p value	95% CI	Change	p value	95% CI
0	2.3	<0.001	2.0 – 2.6	1.8	<0.001	1.7 – 2.0
0.5 to 1.0	2.1	<0.001	1.8 – 2.5	2.1	<0.001	1.8 – 2.4
1.25 to 1.5	1.3	0.528	0.6 – 2.8	1.2	0.604	0.6 – 2.6
1.75 to 2.0	2.1	<0.001	1.4 – 3.0	2.2	<0.001	1.6 – 2.9

UDCA: ursodeoxycholic acid; CA: cholic acid; CDCA: chenodeoxycholic acid; CI: confidence interval.