

Table 1. Urinary steroid metabolite levels in two separate collections of urine ($\mu\text{g}/24\text{h}$) done pre-operatively; before (testing 1) and after (testing 2) metyrapone use. Values obtained from the study of Brossaud *et al* for normal controls and patients with active Cushing's syndrome are also included.²⁰

	Steroid Metabolites			
	Testing 1 for case patient (pre-metyrapone)	Testing 2 for case patient (post-metyrapone)	Median values (95% CI) in normal controls ²⁰	Median values (95%CI) in active Cushing's disease ²⁰
Androgen Precursors ($\mu\text{g}/24\text{h}$)				
Androsterone	2734	1615		
Etiocholanolone	15835	4659		
Dehydroepiandrosterone	3033	589		
16 α -dehydroepiandrosterone	1243	55		
5-Pregnanetriol	3879	531		
5-Pregnanediol	3412	1783		
Pregnedien	6774	730		
Mineralocorticoids and Mineralocorticoid Precursors				
Tetrahydrodehydrocorticosterone	4213	1612		
5 α -Tetrahydrodehydrocorticosterone	1084	1120		
Tetrahydrocorticosterone	30600	9864		
5 α -Tetrahydrodehydrocorticosterone	13473	4323		
3 α 5 β -Tetrahydroaldosterone	0	2		
Tetrahydrodeoxycorticosterone	3830	2676		
5 α -Tetrahydrodeoxycorticosterone	371	205		
Glucocorticoid Precursors				
Pregnanediol	4983	1405		
3 α ,5 α , 17-Hydroxypregnenolone	250	47		
17-Hydroxypregnanolone	4588	1740		
Pregnanetriol	5344	2751		
Pregnanetriol-one	403	51		
Tetrahydrodeoxycortisol	56866	32292		
Glucocorticoids				
Cortisol	36716	20272	73 (25-135)	362 (180-2155)
6 β -OH-Cortisol	25285	17831		
Tetrahydrocortisol (THF)	219024	77524	2193 (809-411)	8637 (4561-37710)
5 α -Tetrahydrocortisol (5 α THF)	26484	4130		
α -Cortol	33272	34684	154 (48-313)	609 (226-3431)
β -Cortol	34829	9846	243 (75-650)	965 (328-6900)
11 β -OH-Androsterone	7774	1209		
11 β -OH-Etiocholanolone	32316	689		
Cortisone	1909	1380	115 (38-193)	301 (135-619)
Tetrahydrocortisone (THE)	88848	29393	2706 (1020-6124)	8561 (1742-23472)
A-cortolone	13775	13722	1036 (439-1956)	2712 (1222-5392)
B-cortolone	14042	4152	247 (81-570)	907 (385-3260)
11-Oxo-Etiocholanolone	7558	180		
18 OH Tetrahydrodeoxycorticosterone	114	57		
(THF+5 α THF)/THE	2.8	2.8		