

Table 1. Auxological, clinical, and biochemical data of a boy with McCune-Albright syndrome and precocious puberty treated with ketoconazole, cyproterone acetate and leuprolide depot for many years and monitored up to adult height

CA (yrs)	4.6	5.6	6.6	7.6	8.8	10	11	12.6	13	13.6	16.6
BA (yrs)	5.6	7.6	10	11.3	12.9	12.9	/	13.6	/	14.6	17
BA/CA ratio	1.21	1.36	1.52	1.48	1.46	1.29	/	1.07	/	1.07	1.02
Height (cm)	119.2	131.1	143.3	149.9	157.2	163.9	167.7	176.5	177.1	180	188.5
Height (SDS)	2.3	3.2	4.2	4.1	4.0	3.8	3.2	2.7	2.3	2.1	2.1
Growth velocity (cm/year)	/	11.9	12.2	6.6	7.3	4.2	5	6.8	4.6	4	
Growth velocity (SDS)	/	+6	+ 6.2	+1	+2.5	-1	+0.3	+2.5	-0.5	-2	
Predicted final height (cm)	/	187.7	191.8	193.2	187.4	195.4	/	195.7	/	189.9	
Right testis (cc)	10	15	18	12	10	10	12	12-15	12-15	20	25
Left testis (cc)	3	3	3	3	4	3	3	4	4-5	6-8	12
Pubic hair stages	P1	P2	P3	P2	P2	P2	P2	P2	P3	P4	P5
Testosterone (ng/dl)	98	164	191	35	53	18.6	19.9	55.5	71.8	186.8	355
Free-testosterone (pg/ml)	1.0		21.3	1.4	1.1	0.6	0.8	1.8	2.3	4.8	15.2
FSH (mIU/ml)	<0.1 0.4*	<0.1	0.3	0.8	1.2 1.8*	0.5	0.2	0.2	/	0.4	2.5
LH (mIU/ml)	<0.1 0.3*	<0.1	0.29	0.7	1.0 11.1*	<0.1	<0.1	<0.1	/	0.4	2
Treatment	/	/	Keto Cypro	Keto Cypro	Keto Cypro Leupro	Keto Cypro Leupro	Keto Cypro Leupro	Keto Cypro Leupro	Keto Cypro Leupro	/	/

CA = chronological age; BA = bone age; Keto = Ketoconazole (200 mg twice a day), orally; Cypro = Cyproterone acetate (50 mg/ daily), orally; Leupro = Leuprolide acetate depot (3.75 mg/ 28 days), intramuscularly

*peak of FSH and LH after gonadotropin-releasing hormone (GnRH) stimulation test: 100 mcg intravenous