

Table 1. Clinical and Laboratory Characteristics of the Patients with Kallmann syndrome

Finding	Patients					
	1	2	3	4	5	6
Age (years)	16	14	14.5	18	14	17
Major complaint	short stature and delayed sexual maturation	short penile length	short penile length	delayed sexual maturation	short penile length	delayed sexual maturation
Medical history						
Sense of smell	Poor	Poor	Normal	Normal	Normal	Poor
Undescended testes	No	Yes	No	No	Yes	Yes
Consanguinity	No	First degree	No	First degree	Second degree	No
Physical signs						
Testicular volumes (mL)	3	2	0.5	5	1	2
Pubic hair (Tanner stage)	IV	III	I	V	I	I
Basal						
LH	<0.1	<0.1	<0.1	0.5	<0.1	<0.1
FSH	0.4	0.4	0.4	0.8	0.2	0.5
Testosterone (ng/dL)	<20	<20	38	<20	<20	<20
LHRH test						
Peak LH	3.5	2.2	1.2	8	3.6	1.25
Peak FSH	3.6	4.3	3.0	3.0	2.8	3.05

LH: Luteinizing Hormone (mIU/mL); FSH: Follicle Stimulating Hormone (mIU/mL); LHRH: Luteinizing Hormone Releasing Hormone.