

## ANDROGENS (Part 1 of 2)

Generic	Brand	Strength	Dose
<b>CAPSULES</b>			
methyltestosterone	—	10mg	<b>Adults and Children:</b> Usually 10–50mg daily. <i>Delayed puberty:</i> use low dose and limit duration to 4–6mos.
	<b>Testred</b>	10mg	
<b>INTRAMUSCULAR INJECTION</b>			
testosterone cypionate	<b>Depo-Testosterone</b>	100mg/mL, 200mg/mL	<b>Adults:</b> Give by deep IM inj into gluteal muscle once every 2–4wks. 50–400mg; max 400mg/month. <b>Children: Not recommended.</b>
testosterone enanthate	<b>Delatestryl</b>	200mg/mL	<b>Adults:</b> Give by deep IM inj into gluteal muscle once every 2–4wks. <i>Male hypogonadism:</i> 50–400mg. <i>Delayed puberty:</i> 50–200mg. Max 400mg/month. <b>Children:</b> See full labeling.
testosterone undecanoate	<b>Aveed</b>	250mg/mL	≥ <b>18yrs:</b> Give by deep IM inj into gluteal muscle. 3mL (750mg) once at initiation, followed by 3mL (750mg) at 4wks, then 3mL (750mg) every 10wks thereafter. < <b>18yrs: Not established.</b>
<b>MUCOADHESIVE BUCCAL TABLET</b>			
testosterone	<b>Striant</b>	30mg	≥ <b>18yrs:</b> 30mg applied to the gum (above incisors) every 12hrs (AM & PM); hold in place for 30secs; rotate appl. sites. Do not chew or swallow tab. < <b>18yrs: Not recommended.</b>
<b>NASAL GEL</b>			
testosterone	<b>Natesto</b>	5.5mg/0.122g per pump actuation	≥ <b>18yrs:</b> Administer intranasally once in the morning, afternoon, and evening (6–8hrs apart) at same time each day. 11mg (1 pump per nostril) three times daily (total dose: 33mg daily); check serum testosterone levels periodically as soon as one month after initiation. < <b>18yrs: Not established.</b>
<b>TABLETS</b>			
fluoxymesterone	—	10mg	<b>Adults:</b> <i>Male hypogonadism:</i> 5–20mg/day. <b>Children:</b> <i>Delayed puberty:</i> Use low dose, with appropriate skeletal monitoring. Duration of therapy: 4–6mos.
methyltestosterone	—	10mg	<b>Adults and Children:</b> Usually 10–50mg daily. <i>Delayed puberty:</i> use low dose and limit duration to 4–6mos.
oxandrolone	<b>Oxandrin</b>	2.5mg, 10mg	<b>Adults:</b> 2.5–20mg daily in 2–4 divided doses for 2–4wks; may repeat intermittently as needed. <i>Elderly:</i> 5mg twice daily. <b>Children:</b> ≤0.1mg/kg/day; may repeat intermittently as needed.
<b>TRANSDERMAL GEL</b>			
testosterone	<b>AndroGel 1%*</b>	12.5mg/1.25g per pump actuation	≥ <b>18yrs:</b> Apply to clean, intact, dry skin of the shoulders, upper arms, and/or abdomen; do not apply to genitals, chest, axillae, knees, or back. 5g (50mg of testosterone) once daily in AM; check serum testosterone level at intervals until normal range; may increase to 7.5g/day (75mg of testosterone), then to 10g/day (100mg of testosterone) if needed. < <b>18yrs: Not established.</b>
		25mg/2.5g, 50mg/5g pkt	
	<b>AndroGel 1.62%*</b>	20.25mg/1.25g per pump actuation	
20.25mg/1.25g, 40.5mg/2.5g pkt			

*(continued)*

## ANDROGENS (Part 2 of 2)

Generic	Brand	Strength	Dose
<b>TRANSDERMAL GEL (continued)</b>			
testosterone (continued)	<b>Fortesta*</b>	10mg/0.5g per pump actuation	<p>≥<b>18yrs</b>: Apply to clean, dry, intact skin on front and inner thighs only. Initially 40mg (4 pump actuations) once daily in the AM. Adjust based on serum testosterone levels (see full labeling); min: 10mg/day, max: 70mg/day.</p> <p>&lt;<b>18yrs</b>: <b>Not established.</b></p>
	<b>Testim*</b>	50mg/5g	<p>≥<b>18yrs</b>: Apply to clean, dry intact skin of the shoulders and/or upper arms; do not apply to genitals or abdomen. Initially apply 5g (1 tube) once daily in the AM; measure serum testosterone level to ensure response; may increase to 10g after 2wks.</p> <p>&lt;<b>18yrs</b>: <b>Not recommended.</b></p>
	<b>Vogelxo*</b>	50mg/5g per tube or pkt 12.5mg/1.25g per pump actuation	<p>≥<b>18yrs</b>: Apply to clean, dry intact skin of the shoulders and/or upper arms at the same time each day; do not apply to the genitals or abdomen. Initially 50mg (1 tube or pkt, or 4 pump actuations) once daily; check morning, pre-dose serum testosterone levels approx. 14 days after initiation. May increase to 100mg (2 tubes or pkts, or 8 pump actuations) once daily based on serum testosterone concentration; max 100mg once daily.</p> <p>&lt;<b>18yrs</b>: <b>Not established.</b></p>
<b>TRANSDERMAL PATCH</b>			
testosterone	<b>Androderm</b>	2mg/day, 4mg/day	<p>≥<b>18yrs</b>: Initially apply one 4mg/day system nightly for 24hrs to intact clean, dry skin of the back, abdomen, thighs, or upper arms. Do not apply to scrotum; avoid bony prominences and areas subject to pressure during sleep or sitting. Rotate appl. sites at intervals of 7 days. Increase to 6mg (one 4mg/day + one 2mg/day system) or decrease to 2mg (one 2mg/day system) based on confirmed AM serum testosterone concentrations.</p> <p>&lt;<b>18yrs</b>: <b>Not established.</b></p>
<b>TRANSDERMAL SOLUTION</b>			
testosterone	<b>Axiron*</b>	30mg/1.5mL per pump actuation	<p>≥<b>18yrs</b>: Apply to clean, dry intact skin of the axilla; do not apply to the scrotum, penis, abdomen, shoulders or upper arms. Initially apply 60mg (30mg per axilla) once daily in the AM; measure serum testosterone levels to ensure response. May adjust dose based on serum testosterone concentration 2–8hrs after applying and at least 14 days after starting therapy or following dose adjustment. May increase dose in 30mg increments if serum testosterone &lt;300ng/dL up to 120mg; reduce dose to 30mg if levels &gt;1050ng/dL, discontinue if serum testosterone remains &gt;1050ng/dL.</p> <p>&lt;<b>18yrs</b>: <b>Not established.</b></p>

### NOTES

Prior to the above treatments, confirm diagnosis by ensuring serum testosterone is below normal range as measured in the AM on at least 2 separate days.

\*Wash hands after application. Do not wash site for at least 2hrs after application. Allow gel or solution to dry before covering with clothing. Advise patients to strictly adhere to recommended instructions.

Not an inclusive list of medications and/or official indications. Please see drug monograph at [www.eMPR.com](http://www.eMPR.com) and/or contact company for full drug labeling.