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# Long Acting Injectable Testosterone

## Introducing Reandron<sup>®</sup> 1000

by Dan McKinley

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**These pharmaceuticals ... allow the individual to drastically reduce the number of injections to approx. four per year.**

**M**any of you may have heard about a "new" long acting form of injectable testosterone that is available in the U.S.A. and the U.K. Known as Nebido<sup>®</sup> in the U.S.A., it has now been approved for use in Australia under the name Reandron<sup>®</sup> 1000 [1]. Both Reandron<sup>®</sup> and Nebido<sup>®</sup> are oily injections that contain 1000mg of testosterone undecanoate. These pharmaceuticals are the first preparations that allow the individual to drastically reduce the number of injections to approximately four per year, once testosterone levels are stabilised.

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Previously the only other option for long lasting testosterone delivery was the implant, otherwise known as "pellets". This is a procedure where local anaesthetic is generally applied to an area of skin, usually on the abdomen or buttock, where the pellets will be placed. A number of small "pellets" are then placed under the skin. These are expected to last four to six months [2]. Andrology Australia has estimated that approximately ten percent of the pellets inserted force themselves to the surface of the skin.

Many of you, who are not using implants, are using the injectable forms of testosterone marketed as Sustanon and Primoteston<sup>®</sup>. These are also both oily injections that are generally injected every ten days to three weeks depending on your current dosage and testosterone levels. While these are both 1ml injections, Reandron<sup>®</sup> is a 4ml solution,

injected intramuscularly.

As with all medications however, there are side-effects. Many of you would be aware of the patient leaflet supplied with all vials of testosterone that indicate possible side-effects. Reandron<sup>®</sup> is no different. While a data sheet on Reandron<sup>®</sup> itself is not widely available at the time of writing, a simple Internet search for a Patient Information Leaflet for Nebido<sup>®</sup> highlighted some of the common (more than one in a hundred) side-effects. These include diarrhoea, leg pain, dizziness/headache, breathing problems, acne, itching, and breast-pain and enlargement. Some of the other effects known to occur in this preparation included weight gain, muscle cramps, nervousness, hostility, depression, sleep apnoea, water retention, skin conditions and balding [3].

This, of course, does not mean that these symptoms will occur in all individuals who use the preparation. It is, however, always wise to weigh up the options available to you. It is most important to inform your doctor of any medical issues or concerns you may have so that the most suitable preparation can be chosen for you.

## References

[1] [Andrology Australia](#). Accessed 9th March 2006

[2] [Ibid.](#)

[3] [He Clissmann](#). Accessed 9th March 2006. (P.D.F. document, will require Adobe Acrobat Reader to view and print this document. If you don't have Acrobat Reader you can [download it for free at Adobe's website](#) .)

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make informed choices. We offer a wide range of services to people with gender issues, their partners, family members and friends in New South Wales. We are an accommodation service and also act as an education, support, training and referral resource centre to other organisations and service providers. The Gender Centre is committed to educating the public and service providers about the needs of people with gender issues. We specifically aim to provide a high quality service, which acknowledges human rights and ensures respect and confidentiality.