

What is PT-141 (Bremelanotide)?

PT-141 (Bremelanotide) was developed from the peptide Melanotan 2, which is a synthetically produced variant of a peptide hormone naturally produced in the body that stimulates melanogenesis that is known as alpha-Melanocyte stimulating hormone. PT-141 has been shown in studies to provide libido-enhancing effects by activating the melanocortin receptors MC1R and MC4R, without tanning the skin.

PT-141 is a potential remedy for the treatment of female sexual dysfunction and male erectile dysfunction. Studies have shown that PT-141 does not act on the vascular system, but may increase sexual desire through the nervous system.

Patient Benefits Over Time May Include:

- Improves female sexual arousal disorder
- Improve sexual function in men (such as erectile dysfunction or impotence)

Typical Prescribing Protocol:

Male:

Males with no history of ED may begin with 1mg via subcutaneous injection in the lower right quadrant of abdomen approximately 45 minutes prior to sexual activity (titrating dose upward to effect as needed or tolerated).

Males with a history or diagnosis of ED with inadequate response to Sildenafil 100mg may begin with 4mg via subcutaneous injection in the lower right quadrant of abdomen approximately 45 minutes prior to sexual activity (titrating dose upward to effects as needed or tolerated).

Female:

Females with FSAD or HSDD may begin with 1mg via subcutaneous injection (titrating dose upward to effect as needed or tolerated).

*Reference: Shadiack, AM, et al. "Melanocortins in the Treatment of Male and Female Sexual Dysfunction." *PubMed.gov*, 2007, www.ncbi.nlm.nih.gov/pubmed/17584134.

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