

# Sildenafil Milestones In Drug Therapy

Sildenafil citrate (Viagra) is a medication used to treat erectile dysfunction (ED) and pulmonary arterial hypertension (PAH). It is a phosphodiesterase type 5 (PDE5) inhibitor, which means that it works by increasing the levels of cyclic guanosine monophosphate (cGMP) in the body. cGMP is a molecule that relaxes smooth muscle, and this relaxation can lead to improved blood flow to the penis or lungs, depending on the condition being treated.

Sildenafil was first developed by Pfizer in the early 1990s, and it was approved by the US Food and Drug Administration (FDA) in 1998 for the treatment of ED. It quickly became one of the most popular medications for ED, and it has been prescribed to over 50 million men worldwide.



## Sildenafil (Milestones in Drug Therapy) by Octavia Steen

★★★★★ 5 out of 5

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Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 371 pages



In 2005, sildenafil was approved by the FDA for the treatment of PAH. PAH is a rare and life-threatening condition that can lead to heart failure. Sildenafil has been shown to be effective in reducing symptoms of PAH and improving quality of life.

## **Clinical Trials**

Sildenafil has been studied in a number of clinical trials, both for the treatment of ED and PAH. In clinical trials for ED, sildenafil has been shown to be effective in improving erectile function in men of all ages. It is also well-tolerated, with the most common side effects being headache, flushing, and indigestion.

In clinical trials for PAH, sildenafil has been shown to be effective in reducing symptoms and improving quality of life. It is also well-tolerated, with the most common side effects being headache, flushing, and diarrhea.

## **Clinical Use**

Sildenafil is used to treat ED and PAH in both men and women. It is typically taken orally, and the dosage may vary depending on the condition being treated.

For ED, sildenafil is typically taken on an as-needed basis, about 1 hour before sexual activity. The usual dosage is 50 mg, but it may be increased to 100 mg or decreased to 25 mg depending on the patient's response.

For PAH, sildenafil is typically taken three times a day. The usual dosage is 20 mg, but it may be increased to 40 mg or decreased to 10 mg depending on the patient's response.

Sildenafil is a safe and effective medication that is used to treat ED and PAH. It has been studied in a number of clinical trials, and it has been shown to be effective in improving symptoms and quality of life. Sildenafil is a well-tolerated medication, with the most common side effects being headache, flushing, and indigestion.

If you are experiencing symptoms of ED or PAH, talk to your doctor about whether sildenafil may be right for you.

## References

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