MAKE LOVE – HAVE SEX – EXPERIENCE SEXUAL WELLNESS
According to ‘The Massachusetts Male Aging Study’ 52% of men between the ages of 40 and 70 have some degree of erectile dysfunction (ED).

Of those individuals, 10% noted complete ED, 25% noted moderate erectile dysfunction, and most noted mild ED.

In the United States, approximately 50 million men suffer from ED.

The percentage of cases of ED worldwide will have doubled from 1995 to 2025.

• Causes of erectile dysfunction (ED)
• Prelox® restores power of penile arteries
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• Prelox® clinical research using gold standard methodology
• Why Prelox® helps on the long run
• Prelox® investigation at the New York University School of Medicine
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A man's ability to respond to sexual arousal involves cascades of hormonal and neuronal signalling. Until the 1980’s impaired erectile function was thought to be primarily caused by mental factors. Today we know that the vast majority of men with erectile problems manifest vascular health problems.

In the final step of an erection, penile arteries liberate increasing amounts of nitric oxide which causes smooth muscle to relax. The expanding diameter produces excess blood flow to the penis leading to engorgement. The increased arterial inflow is exquisitely sensitive to the availability of nitric oxide, which originates from the endothelial cells lining the inner wall of blood vessels.

Consequently, any health condition affecting endothelial function will translate into reduced erectile capacity. The conditions affecting endothelial function and nitric oxide production are well known: high blood pressure, elevated blood lipids and blood glucose, over-weight, smoking and aging in general. Typically, there is no sudden appearance of erectile dysfunction but a gradual decline of erectile quality with increasing age and the pace depends on prevalence of cardiovascular risk factors. This has led physicians to humorously comment that the penis is a man's barometer of his vascular health [McCullough, 2003].
Prelox® restores power of penile arteries

Japanese researchers led by Dr. Nishioka have shown in healthy volunteers that French maritime pine bark extract Pycnogenol® naturally enhances the ability of arteries to expand for enhancing blood supply to organs. This represents the fundamental reason why Pycnogenol® contributes to better erections in men who begin to experience a decline of erectile quality.
Amino acid L-arginine is required for enhancing blood flow

The key to unlock a constricted artery is a mediator called nitric oxide. Nitric oxide is generated from L-arginine and supplementation with this amino acid is known to ease dilatation of arteries, enabling them to carry more blood volume.

Pycnogenol® works by accelerating the cellular machinery involved in converting L-arginine into nitric oxide. Prelox® delivers abundant L-arginine as starting material in combination with Pycnogenol® for accelerated processing of the amino acid into nitric oxide. This synergistic principal provides the basis for the ability of previously mal-responsive arteries to then deliver blood volume sufficient for a healthy erection.
Prelox® – a unique synergistic recipe

In Prelox® the key component Pycnogenol® accelerates production of nitric oxide while the second component L-arginine ensures sufficient supply of the starting
material. The synergistic activity of both components in Prelox® is patented.

A first clinical investigation of 40 men with compromised erections showed that taking L-arginine alone for one month did have an effect, though only in five percent of the men. The following month all men took Pycnogenol® in addition to L-arginine (Prelox® blend) and now 80% of the men experienced restored erectile function.

Prelox® helps improve sexual pleasure and stamina
A study in which all participants are unknowingly at one time receiving active treatment and at another time an inactive placebo and then cross-over following a discontinuation period, is regarded the gold standard in
clinical research. Fifty men presenting moderate erectile problems related to unhealthy life-styles (overweight, mild hypertension) were investigated with Prelox® or placebo in such cross-over fashion. Men were assigned to either group A or B. During the first month group B got Prelox®, while A received look-alike dummy tablets. Then both groups discontinued tablets for one month (washout-period) and then switched to the opposite regimen [Stanislavov et al., 2008].

While a group of men was taking Prelox® for a month the erectile quality significantly increased, and when they discontinued the regimen for a month this effect largely faded. The study demonstrated increased stamina and sexual pleasure in men in response to Prelox®. Men reported to lead researcher Romil Stanislavov MD that it was easier for them to initiate and sustain an erection.
A study spanning an investigational period over half a year was carried out with 110 men with moderately impaired erectile function. This study demonstrates that no habituation effects occur with Prelox® and the benefits do not fade, but rather further improve during long-term supplementation for six months. After this period, erectile function was even better than it already was after three months. This study identified improved sexual desire in response to Prelox® as well as greater sexual and orgasmic satisfaction.

**Why Prelox® helps on the long run**

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**Italian clinical trial for erectile quality**

- **baseline**
- **3 months**
- **6 months**
Steven Lamm MD, assistant clinical professor at the NYU School of Medicine has conducted a study confirming the efficacy of Prelox®. Furthermore, Dr. Lamm has authored the most comprehensive review of all clinical trials carried out with Prelox® to date, concluding that men taking Prelox® are more confident and have higher intercourse frequency.

It is the spontaneous ability to naturally respond to sexual stimulation that is unique for Prelox®. The report of more frequent morning erections best exemplifies the effect of Prelox®.

An interesting phenomenon Dr. Lamm reviews in his article is an increase of testosterone in men which is described to be a natural result of their increased sexual intercourse frequency. Furthermore, no side-effects occurred in the four Prelox® studies to date.
Prelox® mechanism of action

When men are diagnosed by a physician with erectile dysfunction, prescribed medications with one of the PDE5 inhibitors (xyzdenafil) comes into play. Here the limited amount of nitric oxide generated in arteries stimulates only little amount of cGMP which, however, gradually builds up because the PDE5 enzyme is prevented from depleting cGMP. Eventually the spared cGMP may reach the necessary level required to dilate penile arteries for an erection. This represents a non-physiologic intervention with considerable side-effects but offers a last resort for men with serious erectile problems.

Prelox® naturally restores the ability of blood vessels to entertain an erection spontaneously in response to sexual stimulation. Prelox® works at the root of the problem for
early signs of fading erectile quality: the insufficient nitric oxide synthesis. In smooth muscle nitric oxide stimulates production of cGMP, which in turn triggers muscle relaxation and hence increases blood flow to the penis. An enzyme ‘PDE5’ depletes cGMP to eventually terminate an erection.
References


PRELOX® HELPS MEN IN AN ALL NATURAL WAY TO ACHIEVE A FULFILLING HEALTHY SEX LIFE.
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