



ABOUT THE DOCTOR

Dr. Bradley Bush is a state licensed naturopathic doctor and the regional expert in the direct current “Keesey” non-surgical hemorrhoid treatment.

As a naturopathic doctor, Dr. Bush is dedicated to treating the causes of disease and offer complementary & alternative services that have minimal side-effects in a holistic manner.

In addition to using the Keesey treatment, Dr. Bush incorporates a naturopathic medical approach to help prevent & manage gastrointestinal/ hemorrhoid disease. Food allergy testing, digestive support, hormone and neurotransmitter balancing among other approaches are incorporated in treatment plans.

Dr. Bush is a graduate of the National College of Naturopathic Medicine in Portland, OR, co-author of two ND board review books, and lectures across the

A Patient's Guide

to the Direct Current “Keesey” Non-Surgical Hemorrhoid Correction Treatment

80% of the population will suffer from a hemorrhoid...

The Keesey treatment is also referred to as direct current hemorrhoid correction or negative galvanic hemorrhoid correction. The Keesey treatment is employed to treat all Grades of hemorrhoids. This technology has been clinically proven to be up to 85% effective in treating Grade I-III and some Grade IV hemorrhoids.

The Keesey treatment is an in-office procedure with no major side effects reported to date. The Keesey treatment utilizes an electrical current at a low frequency so most people never sense the procedure. The current reduces hemorrhoids without the painful side effects of rubber band strangulation or the risks associated with surgery.

Many patients find relief of symptoms after 1-2 treatments. The average patient seen has between 3-7 treatments to cure their hemorrhoid problems. Hemorrhoid resolution depends on the number of hemorrhoids and the grade (or severity) of

the hemorrhoids. The overall health of the rectal tissues is also important and therefore underlying rectal and gastrointestinal disease/disorders can influence the effectiveness and response time of the treatment.

It is best to seek the Keesey treatment before the hemorrhoids become grade IV (most advanced) hemorrhoids. Surgery can often be avoided by people who undergo the Keesey treatment. In some cases, surgery can not be avoided and may be recommended if necessary. The Keesey treatment offers a very high rate of treatment, minimal side effects and long term cure making it an excellent non-surgical option.

Q&A

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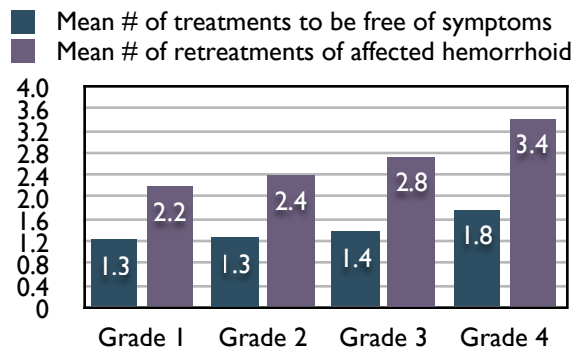
What are the key benefits for undergoing the "Keesey" direct-current treatment for hemorrhoids?

Key Benefits

- Practically pain free
- Effective on all grades of hemorrhoids
- Quick in-office procedure
- Can return to work immediately after procedure
- Research proven effectiveness
- Been used by doctors for over 80 years

What is the success rate for treating hemorrhoids?

I have seen similar rates of success as the published papers on the direct current treatment. I have illustrated the findings of one of these peer reviewed published studies below:



As adapted from Norman, Daniel A et al. *Direct Current Electrotherapy of Internal Hemorrhoids; An Effective, Safe, and Painless outpatient Approach.* *Amer J of Gastro.* 1989; 84: 482-7.

What is the direct current "Keesey" treatment?

The Keesey treatment utilizes the direct current machine to treat hemorrhoids. A sub-sensory current is passed through a hemorrhoid in a manner that avoids most discomfort to the pa-

tient. This current obliterates the feeding blood vessels that feed the hemorrhoidal tissues and hence destroys the hemorrhoid.

Is there pain associated with the Keesey treatment?

The Keesey treatment is considered mostly pain-free. The electrical current is applied to an area of the body that does not normally contain any sensory nerves. The amount of current used is adjustable and therefore can be modified to accommodate an individual. The most uncomfortable aspect of the treatment is simply accessing the rectal area with an anoscope. The anoscope may cause discomfort if the rectal canal is swollen, sensitive, if there is anal stenosis (tightening of the anus), or if the patient is normally disagreeable to rectal examination.

How does it work?

Direct current treatment uses a painless, low-dose of electricity to cause a chemical reaction within the hemorrhoid tissue. The result is reduction or elimination of the swollen tissue. The blood vessels that feed the hemorrhoid are targeted.

Does insurance cover the treatments?

Most insurance companies will cover the treatment, but insurance companies do not allow naturopathic doctors to become providers. Many of our patients still do get insurance reimbursement by contacting their insurance companies for pre-approval. Many companies will require that your Primary Care Provider refer you to an "out-of-network" doctor for the procedure. We also charge far less for the procedure than the insurance reimbursement so everyone has access to it.

Do I need to provide the insurance company with anything to get pre-approval?

Yes, inform them that you wish to visit an "out-of-network" doctor. You will also need to provide them with CPT insurance codes: 46934, 46936 or 46600.