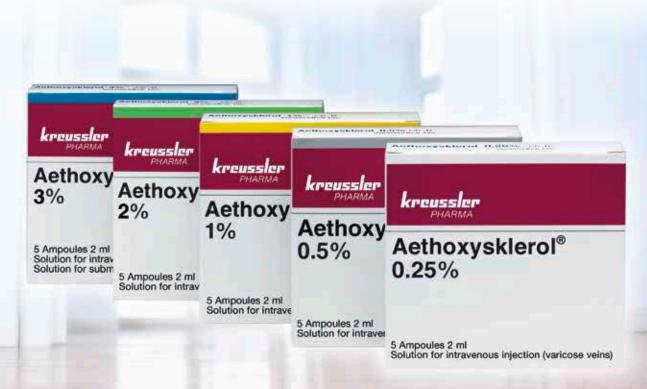
# Aethoxysklerol®

Your partner for healthy legs





A story with a future



#### What makes Aethoxysklerol® unique?

Aethoxysklerol® is the first sclerosant based on the active ingredient Polidocanol that has been approved for the treatment of varicose veins, haemorrhoids and oesophageal varices. For many years now, it has been the No. 1 sclerosant worldwide. No other sclerosant has a comparable body of scientific evidence. To date, approximately 500 studies have been published on sclerotherapy with Aethoxysklerol®. Therefore, Aethoxysklerol® is not only the best known but also the best researched sclerosant.

Aethoxysklerol® is setting standards – and has been doing so for more than 50 years.

Kreussler Pharma is a medium-sized company established in 1912. It is owned and run by the 4th generation of the Travers-Kreussler family. Research and development are carried out at the company site in Wiesbaden in collaboration with universities, physicians and patients.

Over 100 years of Kreussler, more than 50 years of Aethoxysklerol® – those are figures that speak for themselves. Read more on why Kreussler Pharma is still the market leader in its category.







#### The development of Aethoxysklerol®

In common with many great inventions, Aethoxysklerol® owes its discovery to coincidence and the ingenious idea of one individual. As early as 1930, Polidocanol underwent testing as a possible washing detergent for textiles. In this process, the good local anaesthetic effect of the substance was noted. Further testing revealed, however, that intravascular Polidocanol administration caused irritation of the venous wall and the substance could therefore not be used in injection anaesthesia.

It was the great achievement of Otto Henschel, at that time the medical-scientific director of Kreussler Pharma, to use the side effect "destruction of the venous wall" deliberately as the desired main effect in varicose vein sclerotherapy. This was the starting point for the further development and marketing authorisation of Polidocanol as a sclerosant in the 1960s

#### Outlook

There is no end in sight to the long success story of Aethoxysklerol® as the internationally leading sclerosant, because it is impossible to imagine today's clinical routine without Aethoxysklerol®.

The foundations have thus been laid for further expanding its strong position over the next 50 years and for new, exciting developments associated with Aethoxysklerol® for future generations.

$$H_{3}C$$
  $CH_{2}$   $C$ 



#### Therapeutic range – evidence-based efficacy!

Aethoxysklerol® is extremely versatile: from the smallest spider veins to large varicose veins, and also for haemorrhoids and oesophageal varices.

In the aesthetic field, Aethoxysklerol® is the undisputed gold standard in the treatment of spider veins and reticular varicose veins. Foam sclerotherapy of larger varicose veins is also an internationally recognised first-line treatment, as it is effective, safe and yet economical.

Numerous clinical studies have confirmed the efficacy of Aethoxysklerol®. This is completed by a wealth of experience from more than 50 years of daily clinical use.

Aethoxysklerol® has now been registered in 35 countries and is available in more than 50 countries – for instance, outside Europe, in the USA, Japan and Australia. The latest approvals are China and, in 2019, the UK.

Over the past 30 years, more than 130 million ampoules have been sold worldwide. In addition to the clinical evidence, approximately 150 million satisfied patients and approximately 14,000 treatments daily testify to the efficacy and quality of Aethoxysklerol®.











#### Aethoxysklerol® – a convincing, high-quality product

Polidocanol (International Non-proprietary Name Lauromacrogol 400) is the active ingredient contained in Aethoxysklerol®. It is a detergent with local anaesthetic properties and its injection is virtually painless.

Aethoxysklerol® is particularly well tolerated as it is free from preservatives.

The excellent and consistent quality of Aethoxysklerol® is the result of the long-standing experience, the unique know-how throughout the entire production process and the constant monitoring of the individual manufacturing steps.

Kreussler Pharma received the first GMP certificate worldwide for its production of Polidocanol in Wiesbaden and is repeatedly audited by the national authority and the US FDA.

With the EasyFoam® Kit syringe system Aethoxysklerol® can be transformed into a viscous, homogeneous and stable sclerosant foam. This microfoam is even more potent than the liquid sclerosant, one of the reasons why ultrasound-guided foam sclerotherapy has established itself worldwide in the treatment of larger varicose veins.





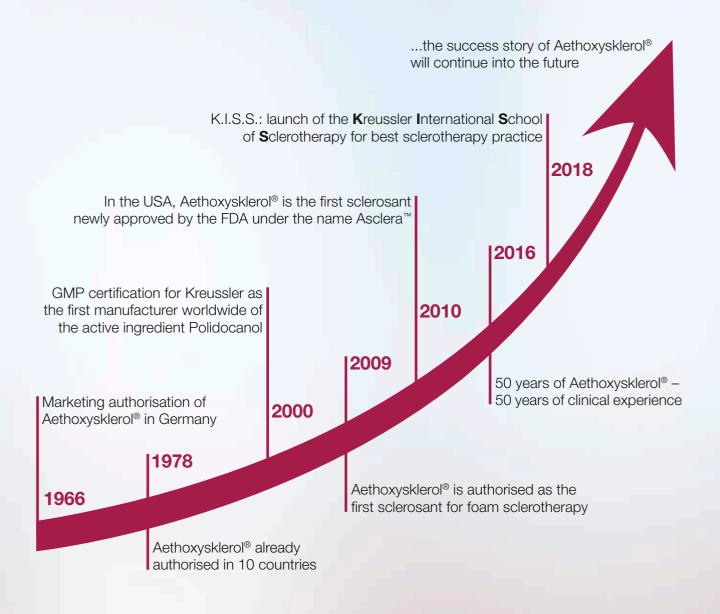
## [Sclerotherapy]







### Milestones in the history of Aethoxysklerol®



#### Would you like to learn more about us and our products?

Then visit us at

www.aethoxysklerol-international.com





Chemische Fabrik Kreussler & Co. GmbH Rheingaustr. 87 - 93 65203 Wiesbaden, Germany Phone: +49 (0)611 9271-0
Fax: +49 (0)611 9271-111
E-mail: info@kreussler.com
Internet: www.kreussler.com