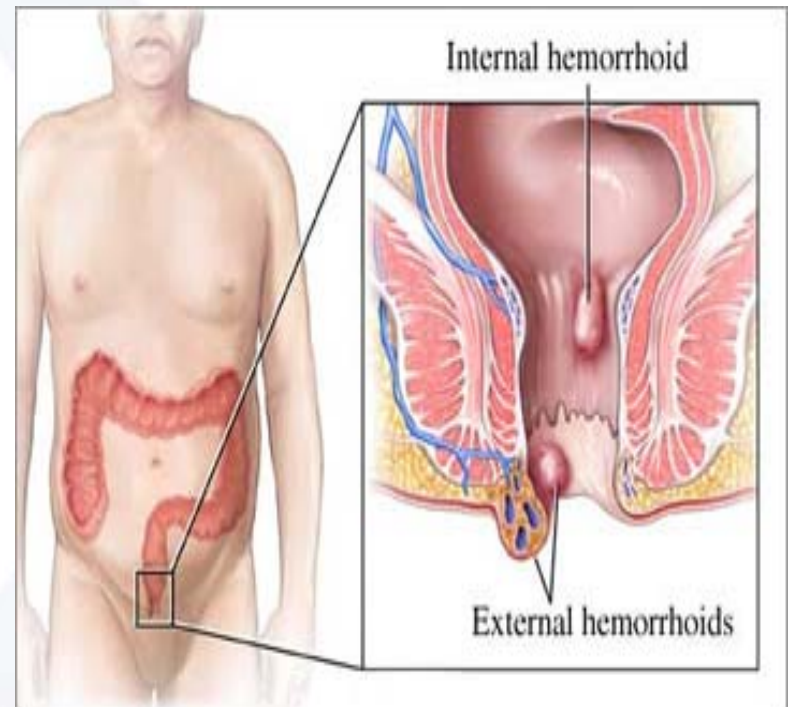


Hemorrhoids Medical Knowledge

What are hemorrhoids?

- (HEM-uh-roids), also called piles, are swollen and inflamed veins in anus and lower rectum.
- Hemorrhoids may result from straining during bowel movements or from the increased pressure on these veins during pregnancy, among other causes
- Hemorrhoids may be located inside the rectum (internal hemorrhoids), or they may develop under the skin around the anus (external hemorrhoids)
- **The symptoms and treatment depend on the type.**



What causes hemorrhoids?

.Too much pressure on the veins in the pelvic and rectal area causes hemorrhoids.

.Normally, tissue inside the anus fills with blood to help control bowel movements. If patient strain to move stool, the increased pressure causes the veins in this tissue to swell and stretch. This can cause hemorrhoids.



Factors that can cause hemorrhoids

- **1-Diarrhea or constipation also may lead to straining and can increase pressure on veins in the anal canal.**
- **2-Pregnant women can get hemorrhoids during the last 6 months of pregnancy. This is because of increased pressure on the blood vessels in the pelvic area. Straining to push the baby out during labor can make hemorrhoids worse.**
- **3-Being overweight can also lead to hemorrhoids.**

What are the symptoms?

The most common symptoms of both internal and external hemorrhoids include:

- **1-Bleeding during bowel** movements. might streaks of bright red blood on toilet paper after strain to have a bowel movement.
- **2-Itching.**
- **3-Rectal pain.** It may be painful to clean the anal area.



What are the types of hemorrhoids?

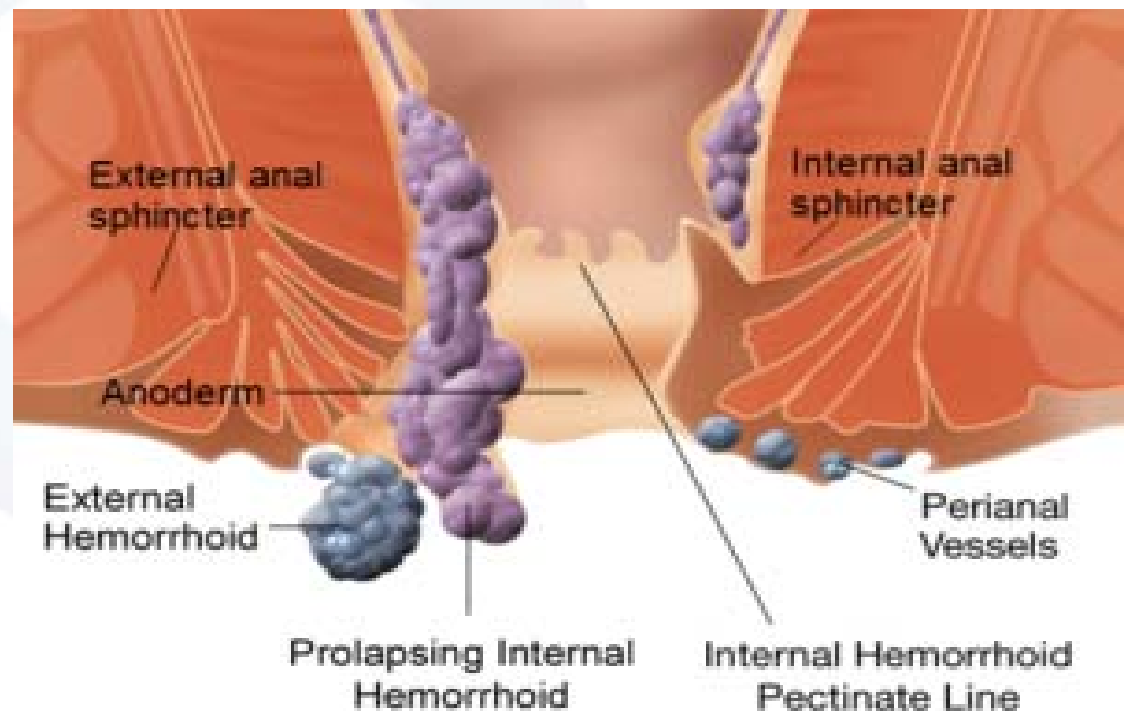
- There are two types of hemorrhoids:. The two types get their names from the set of hemorrhoidal veins they affect.

internal hemorrhoids

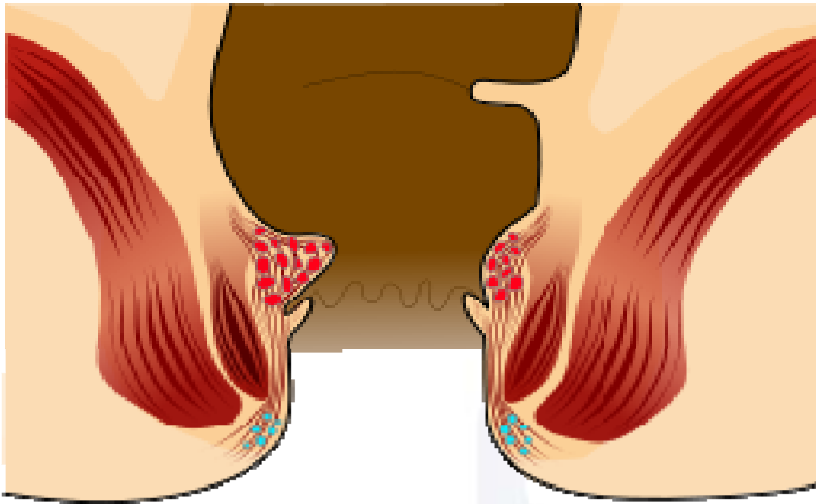
experience increased pressure on the internal hemorrhoidal veins

external hemorrhoids

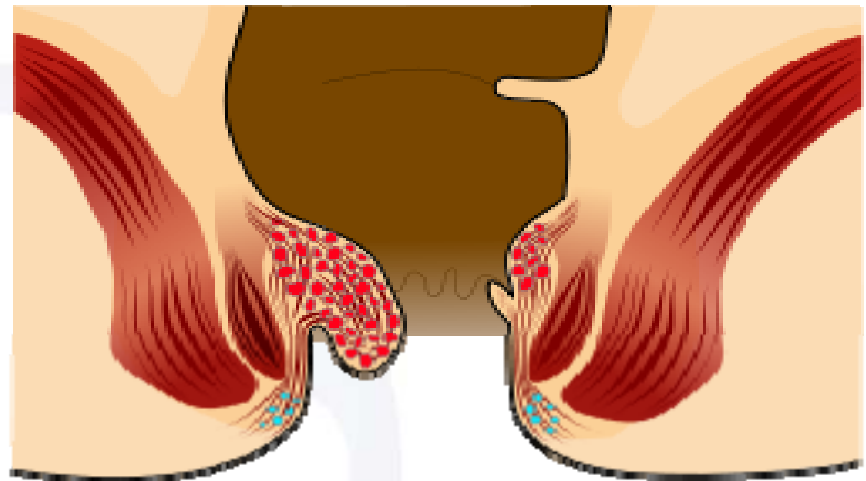
the external hemorrhoidal veins around the anus are affected.



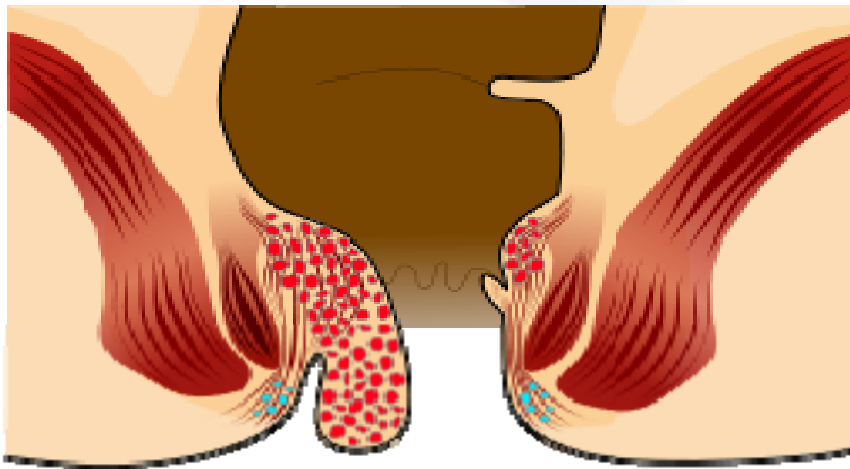
Grade I: No prolapse Just prominent blood vessels



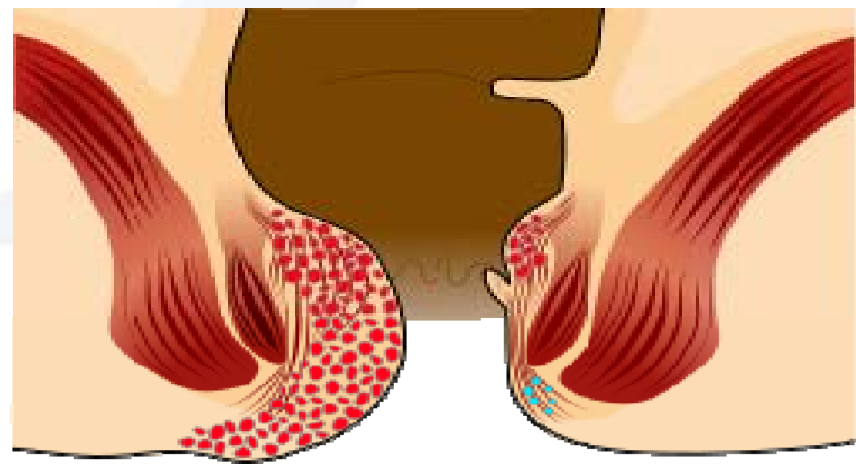
Grade II: Prolapse upon bearing down but spontaneously reduce.



Grade III: Prolapse upon bearing down and requires manual reduction.



Grade IV: Prolapsed and cannot be manually reduced.



Hemorrhoids treatment

- **Dietary changes:**
- If constipation is the cause of your hemorrhoids, you need to keep your stools soft and regular. This will help you avoid straining to pass stools.
- Increase the fiber in your diet and aim to eat 25-30g of insoluble fiber a day, such as wholegrain bread, cereal, and fruit and vegetables.
- The body is unable to digest insoluble fiber, so it passes through the bowels and helps other food and waste move through more easily.
- Also drink plenty of water. Aim to drink at least six to eight glasses of fluid a day and avoid too much caffeine (found in tea, coffee and cola).



Hemorrhoids treatment

- **Self care:**
- **avoid straining to pass stools because it may make hemorrhoids worse**
- **after passing a stool, use moist toilet paper rather than dry toilet paper to clean bottom**
- **using baby wipes can help ease any discomfort that you have after passing a stool**
- **pat the area around your bottom rather than rubbing it**

Hemorrhoids treatment

- Creams, ointments and suppositories, available over-the-counter from pharmacies, can be used to relieve pain and itching as **Neohealer**
- Products that contain local anesthetic may also be prescribed to treat painful hemorrhoids. **Proctoglyvenol**
- Systemic treatment is needed to work on veins through exerting venotonic or vasoconstrictive effect to help in reducing piles size **(HEMOLAR)**

HEMOLAR

UNIQUE ACTION FOR
VEINS INTEGRITY

**SENSATION
OF HEAVINESS**

PRURITUS

PRURITUS

DISCOMFORT

PAIN

DISCOMFORT

IRRITATION

PAIN

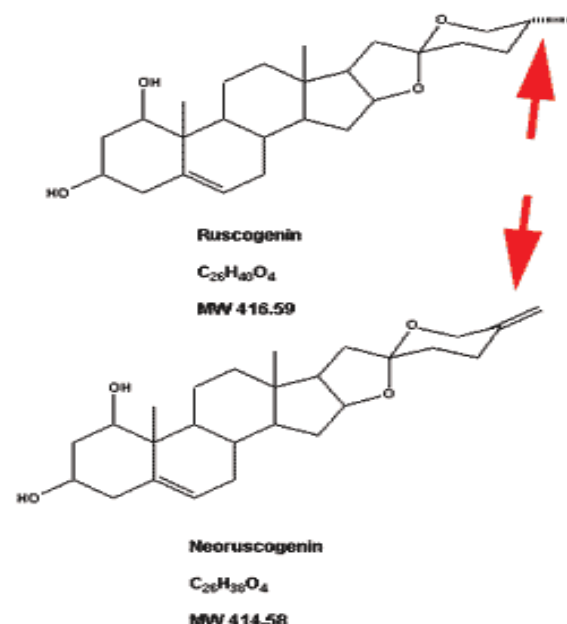
IRRITATION

**SENSATION
OF HEAVINESS**



HEMOLAR active ingredients

- HEMOLAR is Butcher's Broom rhizome contains **steroidal saponins containing ruscogenin and neoruscogenin which are the main active ingredients.**⁵
- Butcher's Broom Root was Traditionally used in western medicine both orally and locally for the treatment of hemorrhoids and varicose veins.⁵
- Butcher's broom has a long history of clinical use as a treatment for hemorrhoids varicose veins, and its use for treating these conditions has been approved by the German Commission E.⁶

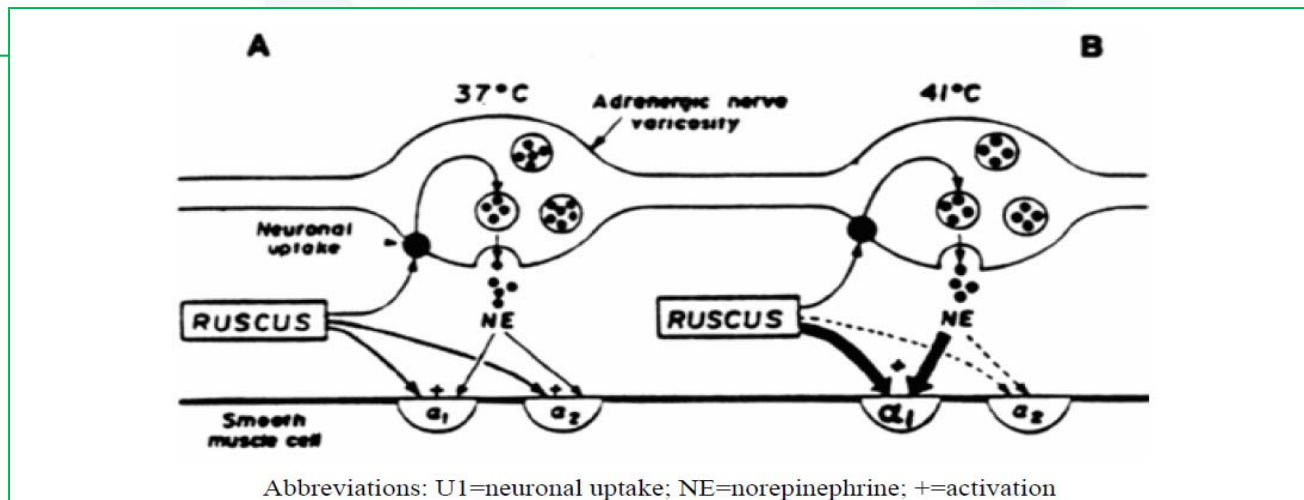


5. Abascal K, Yarnell E. Butcher's broom: Herb's potential too often swept under the rug. Alt Comp Ther 2002;8:177-186.

6. European Medicines Agency. Assessment Report on Ruscus aculeatus L., Rhizoma. London: European Medicines Agency; 2008.

Butcher's Broom Extract (HEMOLAR) M.O.A*

- HEMOLAR has contractile effect on veinules due to:
- 1-activation of alpha 1-adrenoceptors and alpha 2-adrenoceptors.
- 2-potentiate the activity and release of norepinephrine released at the nerve ending.
- without any impact on the diameter of arterioles or mean arterial blood pressure.



* European Medicines Agency. *Assessment Report on Ruscus aculeatus L., Rhizoma*. London: European Medicines Agency; 2008

EMA approval for Butcher's Broom Extract*

European Medicines Agency *Evaluation of Medicines for Human Use*



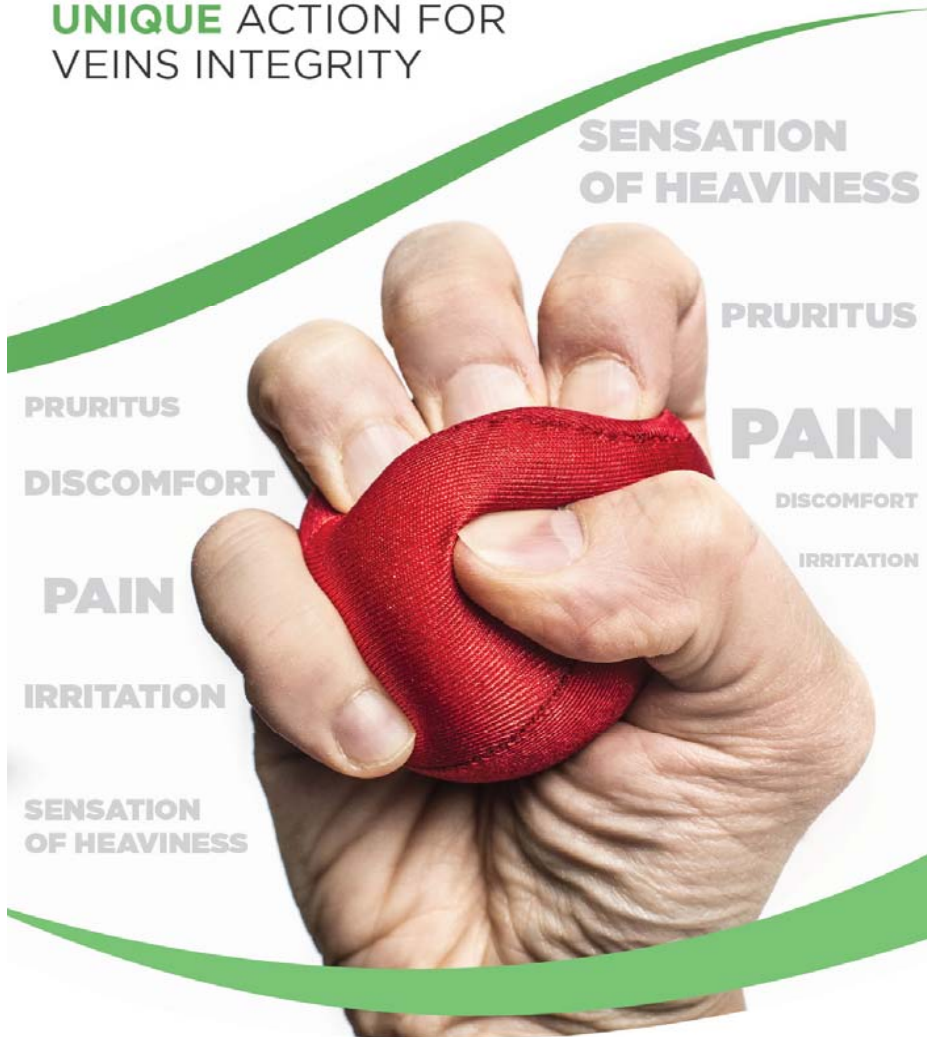
1. Traditional herbal medicinal product to relieve symptoms of discomfort and heaviness of legs related to venous circulatory disturbances
2. Traditional herbal medicinal product for symptomatic relief of itching and burning associated with hemorrhoids.
3. The product is a traditional herbal medicinal product for use in specified indication exclusively based upon long-standing use.

SFDA Approved Hemolar to relieve Varicose veins symptoms

* European Medicines Agency. *Assessment Report on Ruscus aculeatus L., Rhizoma*. London: European Medicines Agency; 2008

HEMOLAR

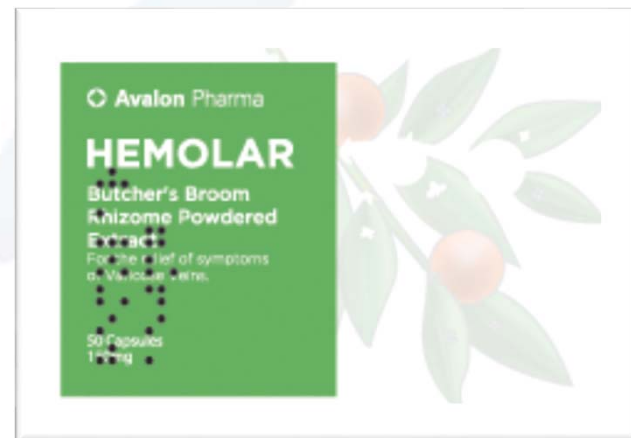
UNIQUE ACTION FOR
VEINS INTEGRITY



- Relieves Hemorrhoids and varicose veins symptoms
- Safe and well tolerated

Dose:

- 1 capsule 2-3 times daily during meals





Thank you