

# Laser rectal surgery

## **HEMORRHOIDS**

Hemorrhoids are a swelling of veins in the anal canal or in the perianal area. The most common symptoms are pain and/or bleeding, depending on the type of hemorrhoid. These can be internal, external, or both. They can develop as a result of chronic constipation or diarrhea. There is also a hereditary component and it can develop in pregnancy as well. The kind of treatment required depends on the type and the extent of the problem. Different treatment options include cream, rubber band ligation, infrared coagulation, and laser treatment.

## **ANAL FISSURE**

An anal fissure is a tear in the skin of the anal canal. Anal fissures may be noticed by bright red anal bleeding on the toilet paper, and sometimes in the toilet as well. This may cause severe periodic pain after defecation and bleeding in the toilet paper or toilet. Anal fissures typically extend from the anal opening and are usually located in the posterior midline, probably because of the relatively unsupported nature of the anal wall in that location. The fissure may develop in adults from passing hard stools during bowel movements. Fissure depth may be superficial or sometimes as deep into the sphincter muscle. Treatment may vary from creams to laser surgery.

## **ANAL WARTS**

Anal or genital warts, also known as condyloma acuminata, are sexually transmitted infections caused by certain subtypes of the Human Papilloma Virus (HPV). Warts are the most common manifestation of the disease, and more specifically, the HPV subtypes 6 and 11 are the ones that cause warts, but only a small percentage of infected people develop warts. Yet, people infected with HPV can still transmit the virus through sexual contact, even if warts have not developed. Other types of HPV related diseases are cervical and anal cancer. Treatments for anal and genital warts range from different topical agents to laser surgery.

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