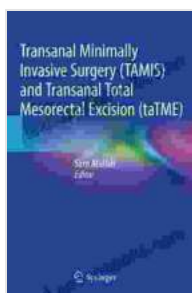


The Ultimate Guide to Transanal Minimally Invasive Surgery (TAMIS) and Transanal Total Mesorectal Excision (TaTME)

Rectal cancer is a serious disease that affects the lower part of the large intestine. In the past, the only way to treat rectal cancer was through a major surgery called an open resection. This procedure involves making a large incision in the abdomen and removing the rectum and surrounding lymph nodes.



Transanal Minimally Invasive Surgery (TAMIS) and Transanal Total Mesorectal Excision (taTME) by Larry Edell

★★★★☆ 4 out of 5

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Transanal Minimally Invasive Surgery (TAMIS) and Transanal Total Mesorectal Excision (TaTME) are two newer surgical techniques that have been developed to treat rectal cancer. These procedures are less invasive than open resection, and they offer a number of advantages, including:

- Smaller incision
- Less pain

- Shorter recovery time
- Improved continence
- Reduced risk of complications

TAMIS

TAMIS is a minimally invasive surgical technique that is used to remove small tumors in the rectum. The procedure is performed through the anus, using a specialized surgical instrument called a TAMIS retractor. The TAMIS retractor allows the surgeon to visualize the tumor and remove it without making any incisions in the abdomen.

TAMIS is a good option for patients with small, early-stage rectal tumors. The procedure is less invasive than open resection, and it offers a number of the same benefits, including a shorter recovery time and a reduced risk of complications.

TaTME

TaTME is a more extensive surgical procedure than TAMIS. It is used to remove larger tumors in the rectum, as well as the surrounding lymph nodes. The procedure is performed through the anus, using a specialized surgical instrument called a TaTME platform. The TaTME platform allows the surgeon to visualize the tumor and remove it without making any incisions in the abdomen.

TaTME is a good option for patients with larger, more advanced rectal tumors. The procedure is more invasive than TAMIS, but it offers a number of advantages, including a lower risk of recurrence and a higher chance of long-term survival.

Benefits of TAMIS and TaTME

TAMIS and TaTME offer a number of benefits over open resection, including:

- Smaller incision
- Less pain
- Shorter recovery time
- Improved continence
- Reduced risk of complications

The smaller incision and less pain associated with TAMIS and TaTME are major benefits for patients. These procedures can be performed on an outpatient basis, which means that patients can go home the same day as their surgery. The shorter recovery time and improved continence are also important benefits, as they allow patients to get back to their normal activities more quickly.

Risks of TAMIS and TaTME

As with any surgical procedure, there are some risks associated with TAMIS and TaTME. These risks include:

- Bleeding
- Infection
- Injury to the rectum
- Incontinence

- Sexual dysfunction

The risks of TAMIS and TaTME are relatively low, but they are important to be aware of before undergoing either procedure. Your surgeon will discuss the risks and benefits with you in detail before you make a decision.

Recovery from TAMIS and TaTME

The recovery from TAMIS and TaTME is typically shorter than the recovery from open resection. Most patients are able to go home the same day as their surgery. You will need to take some time off work to recover, but you should be able to return to your normal activities within a few weeks.

During your recovery, it is important to follow your doctor's instructions carefully. This includes taking your medications as directed, keeping the wound clean and dry, and avoiding strenuous activity.

TAMIS and TaTME are two groundbreaking surgical techniques that have revolutionized the treatment of rectal cancer. These procedures offer a number of advantages over open resection, including a smaller incision, less pain, a shorter recovery time, and a reduced risk of complications. If you are diagnosed with rectal cancer, talk to your doctor about whether TAMIS or TaTME is right for you.



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