



GIG
CYMRU
NHS
WALES

Bwrdd Iechyd Prifysgol
Aneurin Bevan
University Health Board

Mesh and your Hernia Repair

**“Helping you to make an
informed choice”**

Introduction

In addition to discussions with your surgeon, this brief information sheet has been prepared to help you make the right choices for you.

What are my options?

Not all hernias require an operation, but the majority will at some point, as they do generally get bigger and may cause more symptoms.

Non-surgical options

“Watchful waiting” is an option for patients with a hernia with only minimal symptoms. The presence of a hernia in itself, should not limit your abilities to carry out all your usual activities including exercise.

Surgical Options

The repair of a hernia involves an operation. Two main techniques exist:

Non-mesh repair: this involves closing the abdominal wall defect (hole) with stitches that does create a degree of tension.

Mesh repair: the use of mesh to augment the repair and act as further reinforcement.

Repairs can be performed by open or laparoscopic (‘key-hole’) surgery and the technique most suitable will be discussed.

Surgical mesh, regulations and safety

The use of mesh to repair the majority of hernias has been the preferred method in the UK and worldwide for over 25 years. There is a large volume of data on the outcome of various hernia operations and different meshes. Indeed when surgeons themselves have hernias they opt for mesh repairs. Meshes used in surgery are tightly regulated and require a CE-mark to be used in patients in the European Union. Patient safety is a critical component of this regulation and regulatory compliance is subject to periodic review by authorities in the EU.

Is a repair with mesh a 'gold standard?'

Many patients who develop a hernia, have a 'tissue weakness' which doesn't hold stitches well. This explains why repairs with stitches have a higher failure rate than those with additional mesh. For the vast majority of patients, mesh poses little if any additional risk, and coupled with a lower recurrence rate, has resulted in the use of mesh becoming the gold standard in hernia repairs.

Are there disadvantages to a mesh repair?

Mesh is a foreign material, like any synthetic implant (dentures, crowns, heart valves etc.,). It can become infected but this is a rare event. Some patients can develop chronic pain after surgery. There is no firm relationship with the use of mesh and chronic pain, and non-mesh repairs can equally result in this problem.

Summary

For most patients mesh is a safe and reliable way to repair a hernia. Millions of hernia repairs have been successfully performed with mesh. Alternatives *are available* and will be discussed to help you make an informed decision. Further information is available at: www.britishherniasociety.org



Acknowledgement:

Produced and distributed in keeping with the concessions of British Hernia Society, the governing body of UK for hernia surgery.

**"This document is available in Welsh /
Mae'r ddogfen hon ar gael yn Gymraeg".**