

PROTECT
YOUR ORGAN WITH
Hyalobarrier

### WHO ARE AT RISK OF HAVING ADHESIONS?

You will be at risk of having adhesions if you are undergoing the following surgery:

- Endometriosis
- Myomectomy
- Cesarean section (C-section)
- Hysteroscopic adhesiolysis
- Hysteroscopic synechiolysis
- Ovarian cystectomy
- Salpingostomy





ANIKA THERAPEUTICS S.R.L. Corso Stati Uniti 4/U - 35127 Padova, Italy

Tel. 0039 049-295-8311 www.anikatherapeutics.com

HYALOBARRIER® is a registered trademark of Fidia Farmaceutici S.p.A. licensed exclusively to Anika Therapeutics S.r.l.

#### Marketed by (Sabah):



D.D.L. Medical Supplies (121957)
Ground Floor, Lot 348, Lorong 7A, Jalan Ang Cheng Ho, 93100 Kuching, Sarawak, Malaysia.
Email: drdevicemed@gmail.com
Website: www.drdevicelab.com

MDA Registration No. GD9221725116

## GOING FOR SURGERY?



### **ADHESIONS**

COMPLICATIONS AFTER SURGERY



SPEAK TO YOUR
DOCTOR ABOUT
ADHESION
PREVENTION

- Adhesions develop as the body attempts to repair itself after surgery.
- Adhesion is a band of scar tissue that binds two parts of tissues and organs to stick together.
- Adhesions may appear as thin sheets of tissue similar to plastic wrap or as thick as fibrous bands.
- Patient that undergoes a surgery will face high possibility of having adhesion after surgery.

### WHAT ARE ADHESIONS?



Adhesions are a major cause of female infertility as they form glue-like bonds within delicate reproductive structures.

## WHAT ARE THE COMPLICATIONS FROM ADHESIONS?

- Infertility 1
- Bowel obstruction<sup>1</sup>
- Chronic pelvic pain <sup>2</sup>
- Chronic abdominal pain <sup>2</sup>
- Complications during reoperation<sup>3</sup>



Adhesions From Cesarean Delivery

#### Reference

- Ellis H, Moran BJ, Thompson JN, et al. Adhesion-related hospital readmissions after abdominal and pelvic surgery: a retrospective cohort study. Lancet, 1999;353:1476-1480.
- 2. Trew G. Consensus in adhesion reduction management. Obstetrician & Dynaecologist 2004;6(2 Suppl):1-9.
- Cheong YC, Laird SM, Li TC, Shelton JB, Ledger WL, Cookie ID. Peritoneal healing and adhesions formation/reformation. HUM Reprod Update.2001;7(6):556-566.

# HOW TO REDUCE ADHESIONS AFTER SURGERY?

Adhesions are always inevitable in any surgery

However, this can be minimized by:

- Good surgical technique by your surgeon and
- Application of adhesion barrier which helps to further minimize the chances of adhesion

#### Without Adhesion Barrier



If there is no adhesion barrier being applied to the surgical site, adhesions will be formed during the first 3 to 5 days after surgery. No new adhesions will develop after Day 7, however, existing adhesions continue to mature into dense fibrous bands.

### With Adhesion Barrier



If there is adhesion barrier being applied to the surgical site, adhesion will be prevented during the wound healing process by forming a physical barrier on the surgical site.

The presence of adhesion barrier is important to minimize the risk of adhesion formation.