

# GERATI-SMART SURGICAL SOLUTIONS

Introduction

Gerati



2019

# Company Introduction!

Gerati HEALTHCARE (Pvt) Ltd. was established in 2005 and is based in Sialkot (Pakistan), a city which is globally famous for high quality surgical instruments manufacturing. GERATI is a research based organization which is involved in the design, development, sale and export of high quality specialized surgical instruments.

Our main focus is on Minimal Invasive Surgery and our current product range involves Reusable and Single use Laparoscopy instruments, Gynecology instruments, Urology instruments and Training and Education Solutions for surgical Skill Labs. New products are regularly added to our ever increasing product portfolio, thanks to the trust of our customers.

Our dedicated technical staff works closely with our customers, understand their needs and then convert these ideas into practical products with high index of safety and performance.

Our company puts a lot of emphasis on customer satisfaction. We achieve this through an excellent products quality, good prices, quick delivery and most importantly, an efficient after sales service.

Since last few years, we have established market leadership in minimal invasive surgery instrument range in general and in training and didactic solutions in particular. Presently, our laparoscopic Endo trainers are being used by some of the best hospitals in all parts of the country.

## **Our Vision:**

To be recognized as Pakistan's No.1 Surgical Solution provider

## **Our Mission:**

To promote health and happiness of general population by investing in the local production of high end surgery products with same high quality but with much more affordable cost.

We look forward to being of service!

**Aqeel Abbas**

**CEO**

## **Surgical Simulation:**



### **Featured Products:**

#### **Surgical Imulators: Laparoscopic Endo trainer: MAESTRO**

GERATI is currently a market leader in surgical simulation area. Our MAESTRO Endo trainer is one of our best selling product in recent months. We started designing Endo trainers about 3 years ago but this is only

recently that surgeons in Pakistan have realized how essential is to learn and hone their laparoscopic surgical skills. Endo trainers are a best tool that provide surgeons an opportunity to learn new skills with ease of time and space.

GERATI Maestro Trainers come complete with a specially design training box with multiple port entry points, navigable camera and light source. Five sets of exercise provide opportunity to hone your suturing skills, Hand Eye coordination, Ambi dexterity and depth perception.

#### **Surgical Simulators: Laparoscopic Endo trainer: PLATO**



If MAESTRO trainer provides a comprehensive solution then PLATO, our portable Laparoscopic trainer provides a more affordable solution to learning laparoscopic skills. It is especially designed for students and surgical residents to have something that comes handy and is always and everywhere available for instant practice. It does not need electrical connections. It makes use of the smart phone's or a yablet's camera which is aligned with the slot on top plate of Plato.

## Laparoscopic Instrument KIT:

Laparoscopic Instrument kit comprises 1 each 5mm x 33cm Laparoscopic Needle holder, Disposable Maryland Laparoscopic Dissector, Metzenbaum

Scissors and Yohan Grasper. These are basic instruments needed for essential laparoscopic Skill learning and practicing. Instrument kit can be ordered separately and also with Endo Trainers.

## LAPAROSCOPIC NEEDLE HOLDER:



Despite the advent of many high tech device for tissue approximation, conventional needle holders are still an essential tool in a surgeon's armament. Laparoscopic Suturing is still an essential skill to learn and requires due diligence and a lot of hard work.



Laparoscopic Needle Holders



Laparoscopic needle holders are special instrument used in tissue approximation using sutures and suture needles. GERATI has developed a range of needle holders with many useful features, the most significant of these is the special needle locking in the jaws through specially designed ratchet that exerts incremental tension on the needles of different types. Needles of any diameters can be grasped with

Different jaw configurations are available that include straight jaws, Jaws curved to left and right and PARROT jaws with double curves especially suitable for pelvic surgery.

## UTERINE Manipulator

An essential but often overlooked component of a successful minimally invasive gynecologic procedure is uterine manipulation. Regardless of whether conservative or extirpative surgery is being performed, the ability to optimally position the uterus within the pelvis is critical to safe and efficient surgical dissection. The addition of a colpotomizer cup to any uterine manipulator further enhances the ability to perform a conventional or robot-assisted laparoscopic hysterectomy.

GERATI has understood these needs and have developed a special Uterine Manipulator, complete with all accessories. The tip provides essential and adequate anteversion. Its reusable type where all parts can be dismantled for autoclave



## Bariatric Surgery

Most **weight loss surgeries** today are being performed using minimally invasive techniques (laparoscopic **surgery**). The most common **bariatric surgical** procedures are **gastric bypass**, Mini Gastric Bypass, sleeve gastrectomy, adjustable gastric band, and biliopancreatic diversion with duodenal switch.

GERATI has developed a special range of instruments for laparoscopic bariatric surgery. These include 45cm long instruments and Needle holder range, Long ports measuring 150mm in length and 5mm, 10mm and 12mm diameters.

## Camera Sleeve

The disposable camera sleeve is a sterile, single-use disposable drape made of tough, thin polyethylene. The drape is the quickest and simplest way to create a sterile field for use with video/ camera systems during operative laparoscopic procedures.

GERATI Camera Sleeves are available in packaging of 10 and 25pcs and are a very economic way of protecting the most expensive laparoscopic camera and cables.



## EDUCATION AND TRAINING

As part of our mission to promote laparoscopic education in Pakistan, we have started to actively take arrange surgical workshops in different parts of the country. We started with the First Laparoscopic Suturing workshop

in PGMI Peshawar on 29<sup>th</sup> January.

## MASTERING SUTURING TECHNIQUES IN LAPAROSCOPY



## Laparoscopic Suturing Workshop

Conference hall, PGMI Hayatabad Peshawar 28th - 29th January, 2019.





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