

*“Strengthening Palestinian MoH Surgical Structures through the Implementation of Laparoscopy and mini – invasive techniques”*

**Laparoscopic Educational and clinical activities**

*The project is going on: achievements... benefit for the patient*

**N**owadays Gynecology is one of the main applications of laparoscopy either for diagnostic or therapeutic purpose. For this reason AISPO LMT project is strongly investing on this field. Intensive course on gynecological laparoscopy was organized with the cooperation of international specialists coming from Italy to Hebron and Ramallah hospitals.

Indications for laparoscopy, operative techniques, how to prevent/treat complications, and live surgery were the core subjects.

Another intensive course on surgical and gynecological laparoscopy was recently organized in Rafidia and Hebron Hospitals dealing with practical, organizational and clinical aspects. Regular on the job training of laparoscopic gynecology activities continued with direct participation of Palestinian specialist as assistant or assisted operators.



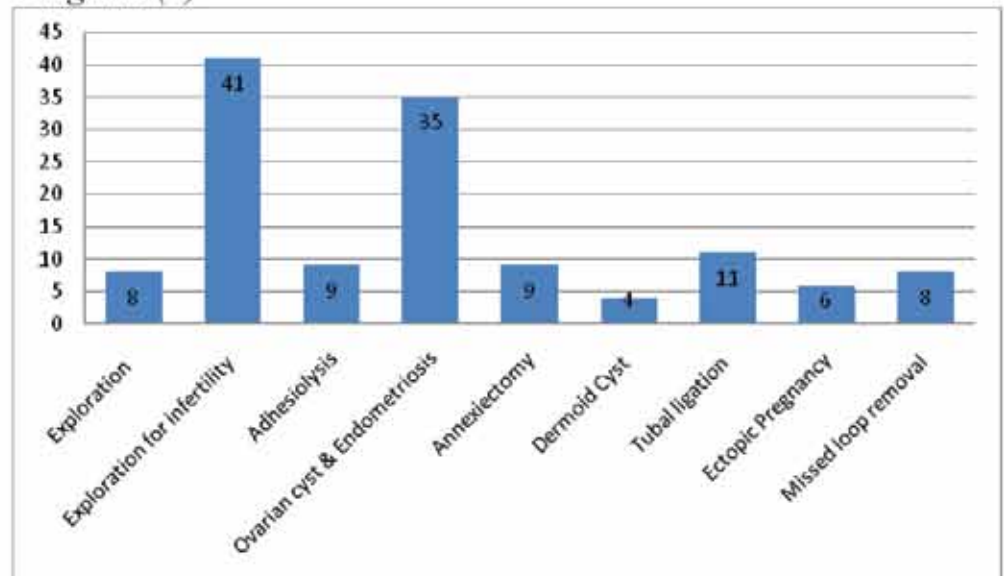
*“Confidence with this technique and professional skill regularly increased in the involved teams, and this is leading to the full achievement of the LMT project” – Dr. Mario / AISPO project manager*

*“Thanks to Prof. Mario for the opportunity to start laparoscopy for women since January 2010. Together we performed diagnostic laparoscopy, and we dealt with chronic pelvic pain, ovarian cyst and infertility.*

*I feel our hospital is one of the best in the west bank so that patient from other city also are treated here. Our hospital has grown at the national level, and I am sure it will grow internationally thanks to the active cooperation of the Director of Hebron hospital Dr. Said Sarahane, and the positive vision of Dr. Naeem Sabra General Director of MoH hospitals.” – Dr. Omar Halayqa/ Hebron Hospital Gyn. Specialist*

*The operation performed during the jobtraining of laparoscopy are shown in diagram (1)*

Diagram (1)



# Laparoscopic surgery



**L**aparoscopic surgery is the second main topic implemented by AISPO project with the support of international experts and institutions such as the Italian Society of Endoscopic Surgery, ACOI national school of laparoscopy, and San Raffaele hospital of Milano.

Workshop on laparoscopy and oncology took place in March 2011 holding lectures and live surgeries shared with inter hospital live transmission, with the participation of Prof. G. Silecchia from Roma University.

In April a special event took place in participation with Italian experts of ACOI - National School of Laparoscopy, where an International course was conducted on indications, surgical techniques, prevention and treatment of complications and results concerning advanced laparoscopic procedures (morbid obesity, achalasia, reflux, splenectomy, adrenalectomy).

**T**he presence of Prof. Gianluigi Melotti world pioneer of Laparoscopy and President of the Italian Society of Surgery was highly appreciated.

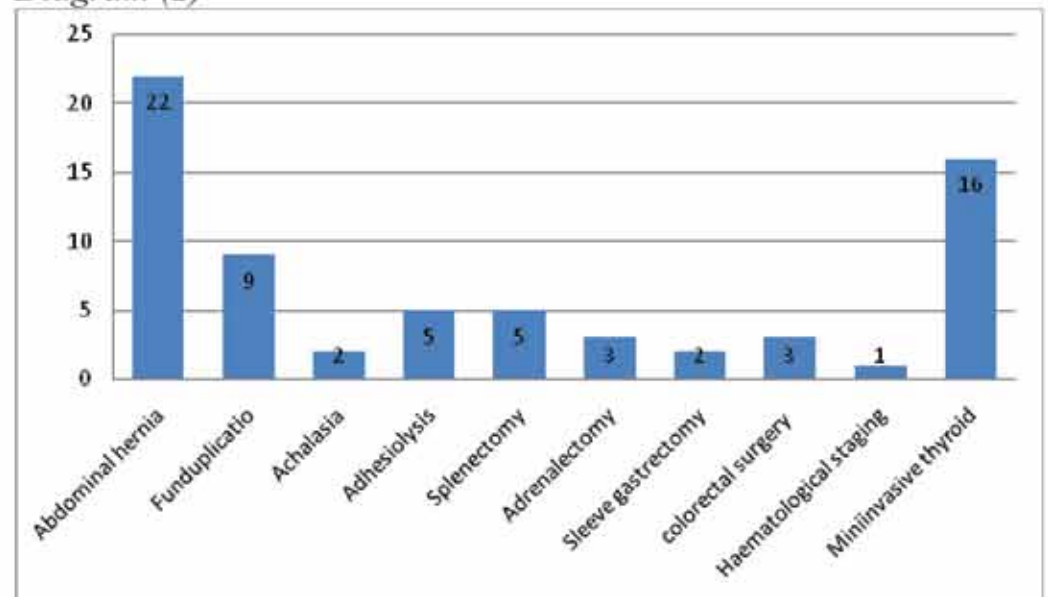
Minister of Health, Dr. Fathi Abu Mugli met the Italian medical team specialized in laparoscopic surgery.

“Abu Mugli presented an explanation of the health situation in Palestine and the need for the introduction of laparoscopic surgery for the betterment of health services provided to citizens, within, the program established by the Ministry of Health and the Italian Ministry of Foreign Affairs” – Maan news agency

Basic surgical laparoscopic operation such as Cholecystectomy (188 cases) were performed. Advanced laparoscopic operations performed with Palestinian specialists involved in the project are shown in diagram (2)

Laparoscopy advanced procedures are offered to palestinian patients with the newest technology in the field.

Diagram (2)



# Using technology to improve

Website ... inter hospital live connection

## Inter hospital live connection

During the last international workshop a successful live laparoscopic surgery HD video transmission took place from and to Palestinian MoH (Ministry of Health) hospital networking Hebron, Rafidia and Ramallah.

The technical solutions provided by the project enabled an extremely high quality, low latency and error-free IP real time surgical transmission through the connected points.



This application is a viable method for transmitting information in real time allowing surgeons to communicate worldwide. Also in our experience it was a successful and beneficial tool appreciated by the attendance to the scientific events.

*"For this reason it was decided to keep the hospitals connected in a permanent way." - Mr. N. Alami, Consultant*



## Website

After emerging the need of to expand the LMT project, and to meet with the goals of e-learning besides having all the educational materials to be used easily by all medical staff and student in Palestine, we decided to establish a website.

The website is a communicating tool as the visitor will be able to contact the LMT project office, and read all the recent activities, news, and updates.

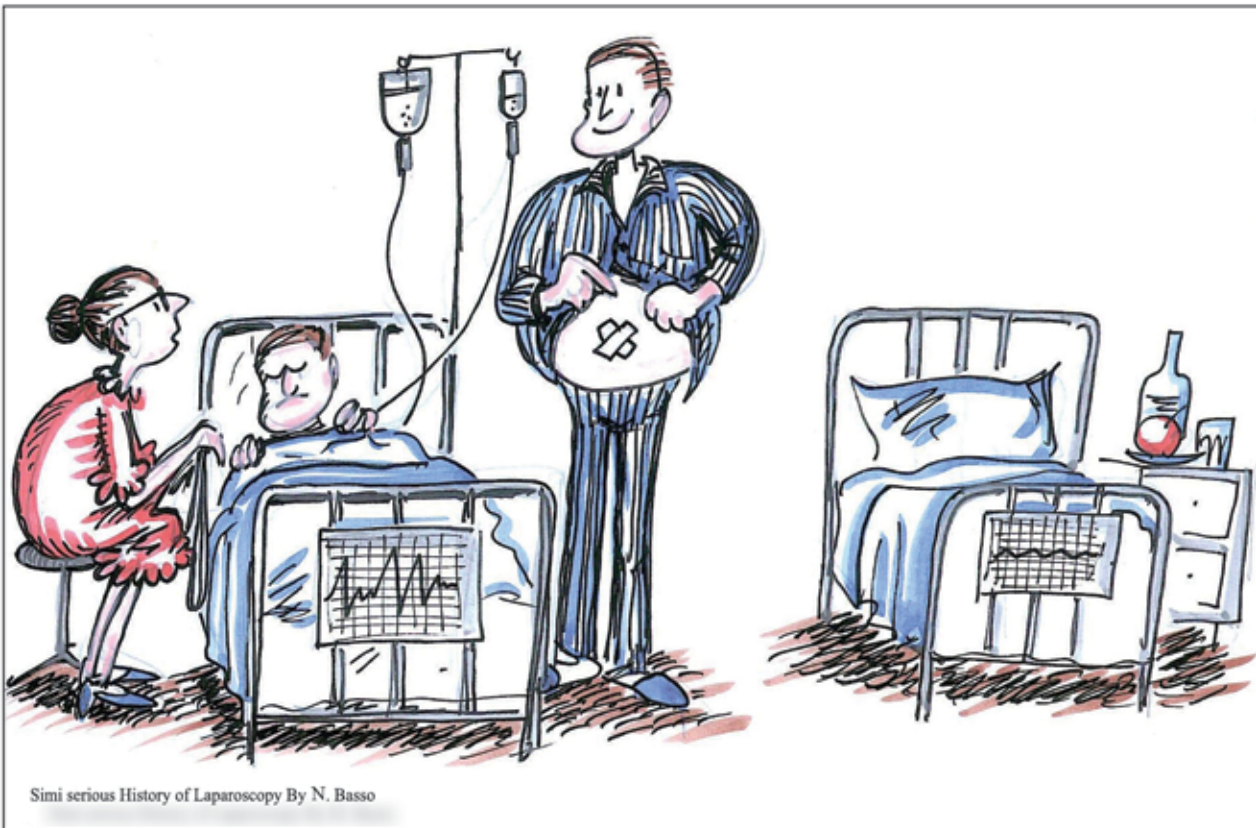
The website address is [www.lmtpal.org](http://www.lmtpal.org), where lmt stands for "Laparoscopy and Mini-invasive Techniques" and pal stands for Palestine.

The website contains nine sections, which can be translated into three languages (English, Italian, and Arabic). The most important part for the health professionals is the E-library that can be viewed only by registered medical professionals and students. This part contains 2 sections:

- 1- Books and articles (PDF files, PowerPoint lectures, etc ...): in this section useful articles and books about Surgical and Gynecologic laparoscopy will be found and can be downloaded.
- 2- Videos: this section provides recorded live surgeries, presentation of laparoscopic techniques, and lectures, so that these will be spread to the maximum number of beneficiaries.



# Caricature



Semi serious History of Laparoscopy By N. Basso

## LESS POST-OP PAIN

*«Already walking around?» «Oh yes, ... and look at this!!»*

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