TAKE HOME MESSAGES

M. ESCOLINO AND JS. VALLA
• **EXPERIMENTAL EVIDENCE**: PNEUMOPERITONEUM WITH AMBIENT AIR (AA) AND HELIUM (HE) INSTEAD OF CO₂ IS ADVISABLE

• **FETAL SURGERY DEVELOPMENT**: IMPORTANCE OF SIMULATION TRAINING ON ANIMAL MODEL SIMULATING SPINA BIFIDA FETOSCOPIC REPAIR BY SINGLE ACCESS

• **GROWING INDICATIONS AND EFFECTIVENESS OF THORACOSCOPY IN RARE PEDIATRIC PATHOLOGIES**:
  - AORTOPEXY FOR TRACHEOMALACIA
  - RESECTION OF THYMUS TUMORS
NEW FRONTIERS OF MINIMALLY INVASIVE SURGERY

- Endoscopic Subcutaneous Mastectomy for Adolescent Gynecomastia
- Endoscopic Treatment of Pilonidal Sinus Disease
- Endoscopic Cauterization with Pneumatic Distension of PIRIFORM FOSSA SINUS TRACTS
- Laparoscopic Decompression of Celiac Artery
STILL SEARCHING EVIDENCE FOR INGUINAL HERNIA REPAIR ....

IT IS CLEAR THAT LAPAROSCOPY IS BECOMING THE MOST PREFERRED APPROACH FOR INGUINAL HERNIA REPAIR WORLDWIDE

BUT WHICH TECHNIQUE???

- PURSE STRING SUTURE (MONTUPET AND ESPOSITO 1998)
- INTERNAL RING SUTURE (IRIS)
- LAPAROENDOSCOPIC SINGLE-SITE (LESS)
- LAPAROSCOPIC PERCUTANEOUS INGUINAL RING SUTURING (PIRS)
Fortunately, solid tumors are rare diseases in infancy and childhood.

Unfortunately, because of its rarity, it is very difficult to prove the superiority of one approach over another, even for the most frequent – neurogenic tumors/neuroblastoma.

Concerning the diagnostic use:

- No doubt about the best value of MIS!
CONCERNING THE THERAPEUTIC USEFULNESS OF MIS APPROACH: ???

- 10 PAPERS: - 7 CASE REPORTS
- 3 SERIES: 2 «CLASSICAL» LAPARO (N=34) OR THORACO (N=20)
  1 ROBOTIC SURGERY (N=28)

MALIGNANT SOLID TUMORS REMOVAL USING MIS IS POSSIBLE:
• IN SELECTED CASES
• IN EXPERIENCED HANDS
THANKS TO ALL PRESENTERS AND ALL CHAIRMEN!