EGES
Valencia 2012

HOSPITAL ARNAU DE VILANOVA {Valencia}
FUNDACIÓN VIVE {Castellón}

ENDOSCOPIC SURGERY IN GYNECOLOGY

{Telemedicine}
{Advanced surgery}
{Practical Courses}
{Stages}
COURSES

**CP-1** Basic course of laparoscopy in the EVA simulator: myomectomy and laparoscopic suturing
(Valencia 8-9th March)

**CP-2** Basic course for nurses: laparoscopy and hysterectomy
(Valencia 12-13th April)

**CP-3** Basic course of laparoscopy in the animal model
(Valencia-Castellón 24-25th May)

**CP-4** Advanced course of laparoscopy in the OR with the EVA simulator
(Valencia 15-19th October)

**CP-5** Advanced course of laparoscopy in the EVA simulator: deep and extragenital endometriosis
(Valencia 15-16th November)

**CP-6** Advanced course of laparoscopic urogynecology in the animal model
(Valencia-Castellón 13-14th December)

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TELESURGERY SESSIONS

**TC-1** Benign uterine pathology: myomectomy and hysterectomy
(9th March)

**TC-2** Laparoscopy in adnexal pathology (13th April)

**TC-3** Laparoscopy in pelvic floor defects
(14th May)

**TC-4** Laparoscopy in oncology endometriosis
(16th November)

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MASTER IN GYNECOLOGICAL ENDOSCOPY AND PELVIC SURGERY

3rd EDITION. ACCREDITATION OF CATHOLIC UNIVERSITY OF VALENCIA. 2012-2013

Intensive
Juan-July 2013
September-October 2013

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**E.G.E.S VALENCIA**

European Gynecology Endoscopy School is created in 2002 with the objective to facilitate the access to the gynecological endoscopy.

The school is linked to the excellent centers in Europe and Southern America and shares the philosophy of high quality continuous training bringing the most experienced surgeons in the field of gynecological endoscopy.

The E.G.E.S-Valencia group maintains the compromise of permanent teaching through Telesurgical Sessions and the Master of Gynecological Endoscopy and Pelvic Surgery in collaboration with the Catholic University of Valencia.

These hyperrealistic simulators allow the design of training courses for selected techniques which are directed to different types of participants and permit a better adjustment to the level and specific expertise. In addition, animal model courses and OR training give on live experience after prelab training.

The E.G.E.S-Valencia group maintains the compromise of permanent teaching through Telesurgical Sessions and the Master of Gynecological Endoscopy and Pelvic Surgery in collaboration with the Catholic University of Valencia.

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BARBIERI F. CECCARONI M. FIAZZI C. LANDI S. MALZONI M. MENCAGLIA L. MEREU L. MINELLI L. ROMEO A. ZACCOLETTI R.

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MAGRINA J. RAMIREZ P.

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POSSOVER M.

## CP 1 I BASIC COURSE OF LAPAROSCOPY IN THE EVA SIMULATOR MIOMECTOMY AND LAPAROSCOPIC SUTURING

**VENUE**: Hospital Arnau de Vilanova (Valencia)  
**Language**: Spanish

### 1st DAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30h.</td>
<td><strong>Inauguration of the course</strong></td>
<td>Place: Endoscopy School (1st floor Hospital Arnau Vilanova)</td>
</tr>
</tbody>
</table>
| 9:00-10:00h. | **Conferences**                                                           | * Basis of the laparoscopic stitch, management of the needle in the visual field  
* Basis of the intracorporeal and extracorporeal suture (half knot, surgical knot, roeder knot)  
* Presentation of the realistic EVA II generation models, application for suturing                                                                 |
| 10:30-12:00h. | **On live surgery**                                                       | * Laparoscopic myomectomy                                                                                                                 |
| 12:00-14:00h. | **1st Session on the EVA II model**                                       | * Intracorporeal and extracorporeal suturing                                                                                               |
| 14:00-15:30h. | **Work lunch**                                                            |                                                                                                                                 |
| 15:30-16:00h. | **Practical use of suturing in gynecology**                              |                                                                                                                                 |
| 16:00-17:30h. | **2nd Session on the EVA II model**                                       | * Precise laparoscopic stitch, needle management in the visual fields                                                                       |
| 17:30-18:00h. | **Conference**                                                            | * How to chose the best instrumentation for laparoscopic myomectomy                                                                       |
| 18:00-19:30h. | **3rd Session on the EVA II model**                                       | * Myomectomy, suturing in different levels, specimen extraction, antiadhesion barriers                                                    |

### 2nd DAY

<table>
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<tbody>
<tr>
<td>8:30h.</td>
<td><strong>Conference</strong></td>
<td>* Tips and tricks for myomectomy in difficult situations</td>
</tr>
<tr>
<td>9:00-10:00h.</td>
<td><strong>4th Session on the EVA II model</strong></td>
<td>* Review of exercises and final test</td>
</tr>
<tr>
<td>11:00-14:00h.</td>
<td><strong>TC-1 - Telesurgical session</strong></td>
<td>* Benign uterine pathology: myomectomy and hysterectomy</td>
</tr>
<tr>
<td>14:00h.</td>
<td><strong>Course Closure</strong></td>
<td></td>
</tr>
</tbody>
</table>

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### NEW EVA II MODELS OF REALISTIC SIMULATION

The EVA II model is manually manufactured by the brasilian company Prodelphus taking reference of cadaveric human models which allow to reproduce exactly the human anatomy. They are made by a new material called neoderma which reproduces very exactly the consistency of the internal viscera and retroperitoneum and allows to create gynecological diseases such as myomas, endo-metriosis or pelvic adhesions. Since 2011 E.G.E.S Valencia has developed an agreement with the company Prodelphus to introduce this new technology in Spain.

With the purpose to perform the most practical training a last generation realistic models have been introduced for the course 2011 and will permit the development of monographic courses in especific gynecological pathologies.
**CP-2 II BASIC COURSE FOR NURSES LAPAROSCOPY AND HYSTEROSCOPY**

Venue: Hospital Arnau de Vilanova (Valencia)  

Language: Spanish

**1st DAY**

- **8:30-9:00h.** Course inauguration  
  - Place: Endoscopy School  
  - Distribution of theoretical and practical courses with active participation of the assistant

- **9:00-14:00h.** BLOC I (Laparoscopic tower)
  - **The vision as the basis for laparoscopic approach.** Optics, cameras and monitors
  - **Light sources**
  - **CO2 insufflators**
  - **Practical use of the laparoscopic tower**
  - **Practical set up of the laparoscopic instrumentation**
  - **Maintenance of laparoscopic instrumentation**

- **BLOC II (Basic instrumentation in laparoscopy and hysteroscopy)**
  - **Hysteroscopy:** Monopolar resectoscope, bipolar, diagnostic hysteroscope
  - **Laparoscopy:** Types of forceps and specific indications, scissors, types of sutures and indications.
  - **Maintenance of laparoscopic instrumentation**

- **14:00-16:00h. Work Launch**

- **16:00-18:00h.** BLOC III (Advance instrumentation in laparoscopy and hysteroscopy)
  - **Tissue sealing devices. Ultrasound. Specific Characteristics**
  - **Advanced programing of energy generators**
  - **Morcelators: types and specific uses**
  - **Uterine manipulators: types and uses**

- **21:00h. Dinner**

**2nd DAY**

- **9:00-14:00h.** BLOC IV
  - **Organization of the operating room.** On live surgery
  - **Ergonomy in the OR**
  - **Integrated OR and Telesurgery**
  - **Visit to the OR**

- **BLOC V**
  - **Exercises on the pelvitrainer**
  - **Basic management of laparoscopic instrumentation**
  - **Exercises of 3D orientation**
  - **Hand-eye coordination**

- **14:00h. Course closure**

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**CP-3 X BASIC COURSE OF LAPAROSCOPY IN THE ANIMAL MODEL**

Venue: Hospital Arnau de Vilanova (Valencia)  

Language: Spanish

**1st DAY**

- **8:30-9:00h.** Course inauguration  
  - Place: Endoscopy School  
  - Distribution of theoretical and practical courses with active participation of the assistant

- **9:00-11:00h.** Conferences
  - **Anatomy in the animal model**
  - **Basis for dissection in laparoscopic surgery**
  - **Basis of electrosurgery**
  - **Explanation of exercises in the animal model**

- **11:00-12:30h.** On live surgery (Laparoscopic hysterectomy)

- **12:30-13:30h.** Transport to the VIVE Foundation (Castellón)

- **13:30-14:00h. Work Lunch**

- **14:00-17:00h. 1st session in the animal model (Basic exercises)**
  - **Laparoscopic access, security mechanisms, extracorporeal suturing, hysterectomy, adnexectomy, ureteral dissection, electro-surgical sealing in different conditions**

- **17:00-17:30h. Coffee break**

- **17:30-19:30h. 2nd Session on the animal model (Advanced exercises)**
  - **Management of complications, pelvic and paraortic lymphadenectomy**

- **14:00h. Course closure**
CP-4 XII  ADVANCED COURSE OF OFFICE AND OPERATIVE HYSTEROSCOPY IN THE OPERATING ROOM WITH THE EVA SIMULATOR  {24-28 October 2012}  VENUE Hospital Arnau de Vilanova  
Language: Spanish

1st DAY

8:00-14:00h.
Groups distribution
{GROUP A}
* Operative hysteroscopy in the OR  
(Myomectomy, Endometrial resection, septoplasty, tubal sterilization with ESSURE/Adiana®)  
{GROUP B}
* Office hysteroscopy (Endometrial diagnosis, sinequiolysis, polypectomy)  
{GROUP C}
* Training in the realistic EVA II hysteroscopy simulator (reproduction of techniques by each participant)  

All the activities are performed subsequently by each participant  

12:00-15:00h. Telesurgery session  
{Advanced operative hysteroscopy}  
* Operative hysteroscopy in the OR  
(myomectomy, endometrial resection, septoplasty, tubal sterilization ESSURE-Ariadna®)  

14:00-15:00h. Conferences  
* Office hysteroscopy  
* Controversies in hysteroscopy: Endometrial ablation and endometrial cancer  
* Hysteroscopic sterilization in hydrosalpinx  
* Hysteroscopic management of uterine malformations  
* Complications and pitfalls in hysteroscopy

2nd DAY

9:00-10:30h. Conferences  
* Systematic pelvic transperitoneal lymphadenectomy  
* Surgical strategy in deep infiltrating endometriosis  
* Bowel endometriosis: Shaving and discoid resection vs segmental resection  

10:30-12:30h. On live surgery  
{Pelvic lymphadenectomy in endometrial cancer}  

12:30-14:00h.  
2nd session in the EVA II model  
Apendectomy, peritoneal biopsy, omentectomy with ultrasonic sealant

CP-5 II  ADVANCED COURSE OF LAPAROSCOPY IN THE EVA SIMULATOR: ONCOLOGY AND DEEP INFILTRATING ENDOMETRIOSIS  {15-16th November 2012}  
Hospital Arnau de Vilanova  
Language: english-spanish

1st DAY

16:00h. Course inauguration  
Place: Endoscopy School  
(1st Floor Hospital Arnau de Vilanova)  

16:00-17:30h. Conferences  
* Anatomical landmarks in the retroperitoneum with application in oncology  
* Autonomic nerve anatomy in the pelvis: Nervesparing in radical surgery for cervical cancer  
* Presentation of the realistic EVA II generation models: Application for gynecological oncology  

17:30-19:30h  
1st session in the EVA II model  
Adhesiolysis, field exposure, intes-tinal and ovarian fixation

2nd DAY

9:00-10:30h. Conferences  
* Ergonomy and selection of specific instrumentation in gynecological oncology  

10:30-12:30h. Work lunch  

15:30-16:00h. Conference  
* Prevention and management of complications in gynecological oncology  

16:00-17:30h.  
3rd session in the EVA II model  
laparoscopic management in the upper abdomen  

17:30-18:00h. 
Prevention and management of complications in gynecological oncology  

18:00-19:30h. 
4th session in the EVA II model  
Management of complications in oncological surgery, repair of visceral injuries and ureteral catheterization  

3rd

8:30-9:00h. Conference  
* Laparoscopy in early ovarian cancer  
* Extragenital endometriosis: laparoscopic management  

9:00-11:00h.  
5th session in the EVA II model  
Exercise review and test

11:00-14:00h. TC-4 Telesurgery session  
Laparoscopy in gynecological oncology  

11:00-14:00h. Course closure
CP-6 V ADVANCED COURSE OF LAPAROSCOPIC UROGYNECOLOGY IN THE ANIMAL MODEL

{13-14th December 2012} Hospital Arnau de Vilanova (VLC)
Fundación VIVE (CS)
Language: Spanish (Addressed to urologists and gynecologists)

1st DAY

12:30-13:00h. Course inauguration. Explanation of objectives
Place: Endoscopy school (1st Floor, Hospital Arnau de Vilanova)

13:00-14:00h. 1st Theoretical session
- Applied anatomy in the animal model
- Explanation of exercises for the animal model session

14:00-15:30h. Coffee break at the school and transfer to the VIVE foundation

15:30-20:00h. VIVE Foundation (Castellón) {1st Practical session on the animal model}
- Laparoscopic access. Bladder fixation and repair of bladder lesions
- Hysterecomy, monopolar and bipolar courant
- Ureteral dissection, umbilical ligation
- Pelvic lymphadenectomy

2nd DAY

8:15-9:30h. Conferences
- Basis of laparoscopic suturing and laparoscopic knotting
- Explanation of the exercises in the pelvitrainer
- Basis of electro surgery and security mechanisms

9:30-14:00h. TC-5 Telesurgery session (Endometrial and cervical cancer)
1st Practical session in the pelvitrainer
- Exercises of coordination in reduced operative fields
- Perfect stitch and needle settlement
- Extracorporeal knotting technique

8:15-9:30h. TC-6 Telesurgery (Urologic laparoscopy)
2nd practical session in the pelvitrainer
- Exercises on laparoscopic suturing
- Continuous suturing
- Intracorporeal knotting

8:15-9:30h. Course closure

1st DAY

11:00-14:00h. Coffee break and transfer to Castellón

14:00-20:00h. Mediterranean endoscopic school VIVE Foundation
{2nd practical session in the animal model}
- Repair of bladder and bowel lesions
- Use of vascular clips and mechanisms for hemostasis
- Pelvic and paraortic lymphadenectomy, secure management of great vessels
- Kidney dissection, ligation of renal vessels
- Hemorrhage control at the abdominal Wall

3rd DAY

Place: Endoscopy school (1st Floor, Hospital Arnau de Vilanova)

8:15-9:30h. Conferences
- Technique of dissection and surgical ergonomy
- Explanation of exercises in the pelvitrainer
- Practical application of the sutures in gynecology

9:30-14:30h. TC-6 Telesurgery (Urologic laparoscopy)
- Exercises on laparoscopic suturing
- Continuous suturing
- Intracorporeal knotting

8:15-9:30h. Course closure

TELESURGERY SESSIONS

The new technologies applied in gynecological surgery have permitted to bring the experience of multiple European centers to the participants of our courses. A multicenter Spanish European program has been developed, including telemedicine and teleconference activities.

VENUE: ENDOSCOPY SCHOOL. 1st Floor, Hospital Arnau de Vilanova (Valencia)

INAUGURATION OF THE SESSION AND CASE PRESENTATION
11:00-11:30h. Session of on live telesurgery (from the participant hospitals)
11:30-14:00h. Monographic videotutorial and board panel

CENTERS INCLUDED IN THE PROGRAM

**SPAIN**
Hospital de Igualada (Barcelona), P. Brescó
Hospital Universitario Dr. Peset (Valencia), Dr. J. Gilabert-estellés
Hospital Alcalá de Henares (Madrid), A. Zapico
Hospital Universitario de Alicante (Alicante), O. Piñeiro

**FOREIGN**
Ospedale Sacro Cuore (Verona, Italia), L. Minelli
European Institute of Telesurgery (Estrasburgo, Francia), A. Wattiez
Società Consortile Mario Malzoni (Avelino, Italia), M. Malzoni

**TC-1** Benign uterine pathology: myomectomy and hysterectomy
(9th March)

**TC-2** Laparoscopy in adnexal pathology
(13th April)

**TC-6** Laparoscopy in pelvic floor defects
(14th May)

**TC-3** Laparoscopy in infertile patients
(25th May)

**TC-5** Advanced surgical hysterectomy
(19th October)

**TC-4** Laparoscopy in oncology endometriosis
(16th November)
**MASTER IN GYNECOLOGICAL ENDOSCOPIC AND PELVIC SURGERY**  
(3rd Edition)

**OBJECTIVES**
- Theoretical knowledge in laparoscopic and hysteroscopic surgery
- Practical management in basic and advanced laparoscopy and hysteroscopy
- Introduction to the new minimal invasive approach techniques LESS, SILS, NOTES.
- Applied investigation in endoscopic surgery
- Learning new technologies applied to surgery
- Participation in the european project of endoscopy schools

**VENUE**
HOSPITAL ARNAU DE VILANOVA UCV  
E.G.E.S. SCHOOL - Valencia

**CALENDAR**

**MODEL I:**
1st of October-2011-30th May 2012  
(2 participants)

**Model II (intensive):**
1st of June 2012, 30th July 2012
1st of September 2012, 31st October 2012

**PREREGISTRATION**
[www.ucv.es](http://www.ucv.es)
* Photocopy of ID card
* Brief CV
* Preregistration form
* Date of preregistration: 1-30 June 2012  
Send all the documents to: HOSPITAL ARNAU DE VILANOVA, Servicio de Ginecología (Dr. J. Gilabert) C/ San Clemente 12 46015 VALENCIA

**DOCUMENTACIÓN**
* Brief CV. Abbreviated Curriculum Vitae which includes the transcript  
  * Cover letter  
  * Identity or passport (pdf)  
  * 3 photos (jpg)  
  * Photocopy of the specialist (pdf)  
  * Copy of professional liability insurance

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**INCRIPTION FEES**

<table>
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<tr>
<th>WHERE</th>
<th>DATE</th>
<th>PLACES</th>
<th>RATE</th>
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<tbody>
<tr>
<td>CP-1 I</td>
<td>Basic course of laparoscopy in the EVA simulator: Myomectomy and laparoscopic suturing</td>
<td>Valencia</td>
<td>8-9 March</td>
</tr>
<tr>
<td>CP-2 II</td>
<td>Basic course for nurses: Laparoscopy and hysteroscopy</td>
<td>Valencia</td>
<td>12-13 April</td>
</tr>
<tr>
<td>CP-3X</td>
<td>Basic course of laparoscopy in the animal model</td>
<td>VLC/CS</td>
<td>24-25 May</td>
</tr>
<tr>
<td>CP-4 XII</td>
<td>Advanced course of hysteroscopy in the OR with the EVA simulator</td>
<td>Valencia</td>
<td>15-19 October</td>
</tr>
<tr>
<td>CP-5 II</td>
<td>Advanced course of laparoscopy in the EVA simulator: Deep and extragenital endometriosis</td>
<td>Valencia</td>
<td>15-16 November</td>
</tr>
<tr>
<td>CP-6 V</td>
<td>Advanced course of hysteroscopy in the OR and the EVA simulator</td>
<td>VLC/CS</td>
<td>13-14 December</td>
</tr>
</tbody>
</table>

*Telesurgery Sessions: Free (limited by order of registration on the Web. 12 seats
*MASTER OF MINIMALLY INVASIVE GYNECOLOGIC SURGERY. 3rd Edition
October 2012-June 2013. Registration € 4,700 (VAT included). 6 places

**Payement by bank transfer (include first and lastname in the receipt)**

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For information write to egesvalencia@yahoo.es

Cancellations made the week before the course start will incur a 30%
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