

I EUROPEAN COURSE ON COLORECTAL SURGICAL ANATOMY

"HUMAN CADAVER DISSECTION COURSE" 14-15 DECEMBER 2018



Directors:

- Alvaro Garcia-Granero**. Colorectal Surgery Unit. Hospital Universitario y Politécnico la Fe. Valencia. Spain. Coordinator of Surgical Anatomy Unit. Human Anatomy and Embryology Department. University of Valencia. Spain. alvarogggf@hotmail.com
- Juan Garcia-Armengol**. Colorectal Surgery Unit. Colorectal Surgery European Center. Hospital Vithas Nisa 9 de Octubre. Valencia. Spain. European Board in Coloproctology EBSQ–c.
- Alfonso Valverde Navarro**. Head of Human Anatomy and Embryology Department. Director of Surgical Anatomy Unit. University of Valencia. Spain.

Technical and scientific supervisor:

- Matteo Frasson**. Colorectal Surgery Unit. Hospital Universitario y Politécnico la Fe. Valencia. Spain. European Board in Coloproctology EBSQ–c.

Professors:

- Jose Vicente Roig Vila**. Colorectal Surgery European Center. Hospital Vithas Nisa 9 de Octubre. EBSQ–c.
- Francisco Martinez Soriano**. Main Professor of Human Anatomy and Embryology Department. University of Valencia. Spain.

Instructors:

- Francisco Blanco Antona**. Hospital Clinico Universitario de Valladolid. EBSQ–c.
- Luis Sánchez-Guillén**. Hospital General Univesitario de Elche.
- Gianluca Pellino**. Hospital Universitario y Politécnico la Fe de Valencia.
- Vicente Pla Martí**. Hospital Clínico y Universitario de Valencia.
- David Moro Valdezate**. Hospital Clínico y Universitario de Valencia. EBSQ–c.
- Jorge Sancho-Muriel**. Hospital Universitario y Politécnico la Fe de Valencia.

Assistant instructors:

- Eduardo Alvarez Sarrado**. Hospital Universitario y Politécnico la Fe de Valencia.
- Maria Garcia Gausi**. Hospital Punta de Europa. Algeciras.
- Delfina Fletcher Sanfeliu**. Hospital Universitario Son Espases. Mallorca.

AIMS:

Improve knowledge of anatomy and provide a practical view of colorectal surgery and proctology, based on practical and structured dissection of cadavers. Application of anatomical knowledge to advanced laparoscopic colorectal surgery.

LANGUAGE: English

DATES:

Friday 14 December 2018

Saturday 15 December 2018

LOCATION: Human Anatomy and Embryology Department. University of Valencia.

FORMAT:

Number of attendees: 18

Number of cadavers: 7. 1 fresh and 6 formoled cadavers

REGISTRATION FEE: 800€

CONTACT:

Human Anatomy and Embryology department. University of Valencia. *Alfonso.A.Valverde@uv.es*

Alvaro Garcia-Granero. *alvarogggf@hotmail.com*

PROGRAM: CADAVER DISSECTION. APPLIED SURGICAL ANATOMY**Friday 14 December 2018**

8:30-10:00

- *Complete mesocolic excision for right-sided colon cancer. D3 right hemicolectomy.*

- Identification of right retroperitoneal structures
- Applied anatomy – mobilization of right colon flexure
- Kocher manoeuvre
- Identification and surgical application of *fascia of Fredet* and *fascia of Treitz*
- Anatomical variations and central ligation of ileocolic vessels
- Description of anatomy and surgical approaches to the gastrocolic trunk of Henle
- Surgical approaches to the superior mesenteric vein

10:00-11:30

- *Complete mesocolic excision of the transverse colon.*

- Surgical approaches to the lesser sac
- Applied anatomy – omentectomy
- Dissection and central ligation of middle colic artery and vein

11:30-13:00

- *Complete mesocolic excision of the splenic flexure.*

- Anatomy and embryology of the splenic flexure
- Anatomical variations of vascular arcades of the splenic flexure
- Surgical options to mobilize the splenic flexure

13:00-14:30: Lunch time

14:30-16:30

- *Complete mesocolic excision of the left colon. Left hemicolectomy and sigmoidectomy*

- Identification of left retroperitoneal structures
- Different surgical approaches (lateral-to-medial and medial-to-lateral) to the mesocolon and inferior mesenteric artery vs inferior mesenteric vein.
- High tie and low tie of the inferior mesenteric artery.
- Ligation of inferior mesenteric vein below the body of pancreas.
- Importance of preserving the venous arcade of the left colic vein with the inferior mesenteric vein.
- Anatomic description of the mesenteric plexus, superior hypogastric plexus

16:30-18:30

- *Total mesorectal excision down to the levator plate*

- Denonvilliers' fascia in men
- Septum recto-vaginal in women

18:30-20:00

- *Surgical anatomy of the lateral pelvic compartment.*

- Main pelvic spaces and fasciae. Lateral pelvic compartments.
- Main areas at risk of surgical injury of the pelvic autonomic nerves.
- Three main areas of pelvic lymphadenectomy.
- Vascularization of the *pelvis minor*.

21:00: Dinner

Saturday 15 December 2018

10:00-11:00

- *Surgical anatomy of the anal canal and anorectal spaces. Anorectal sepsis.*

11:00-12:00

- *Surgical anatomy and posterior access to the retrorectal space. Anatomy of pudendal nerve*

12:00-13:30

- *“Cylindrical” Abdominoperineal resection. Prone position.*

13:30-14:30

- *Flaps in colorectal surgery. Reconstructive surgery after Abdominoperineal resection.*

14:30-14:45

End of course and awarding of diplomas.