

INTERNATIONAL CONGRESS OF ANATOMIA CLINICA

A JOINT MEETING OF



ISCAA

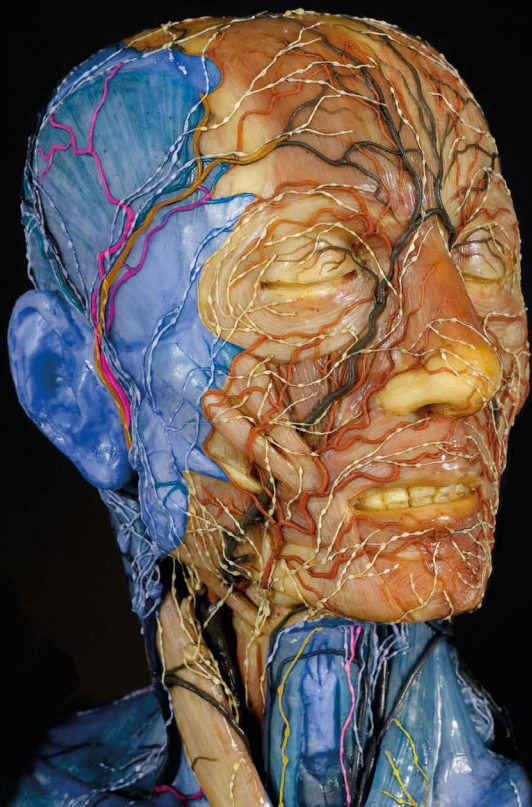
15TH EUROPEAN ASSOCIATION OF
CLINICAL ANATOMY (EACA)

11TH INTERNATIONAL SYMPOSIUM OF
CLINICAL AND APPLIED ANATOMY (ISCAA)

24th to 26th JUNE

MADRID

2019



INVITED SOCIETIES



www.eaca2019.com

INTERNATIONAL CONGRESS OF **ANATOMIA CLINICA**

**15TH EUROPEAN ASSOCIATION OF
CLINICAL ANATOMY (EACA)**

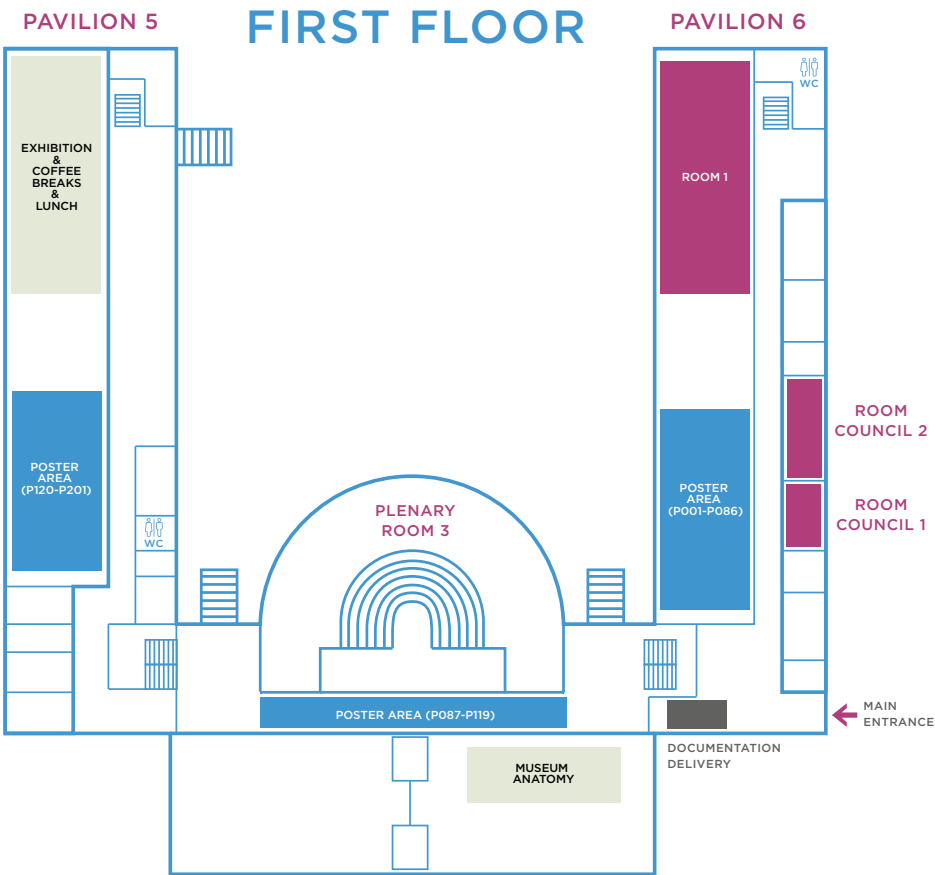
**11TH INTERNATIONAL SYMPOSIUM OF
CLINICAL AND APPLIED ANATOMY (ISCAA)**

▶ Venue & Floor Plan	04
▶ Program at a glance	05
▶ Welcome letter	08
▶ Committees	09
▶ Scientific Program	13
▶ Oral Sessions	20
▶ Poster List	34
▶ Sponsors	67
▶ General Information	68

CONGRESS VENUE:

FACULTAD DE MEDICINA | Universidad Complutense de Madrid

- Pavilion 5 & 6 (First Floor)
- Pza. Ramón y Cajal, s/n
- Ciudad Universitaria
- 28040 - MADRID



MONDAY, 24 TH JUNE		
08:00-09:00	First Floor	Registration
09:00-10:00	Plenary Room 3	Opening Ceremony
10:00-10:30	Plenary Room 3	Opening Conference "Interfacing the peripheral nervous system with advanced prostheses. Anatomical and physiological contributions" Prof. Xavier Navarro. Barcelona, Spain
10:30-11:15	First Floor	Coffee, Posters & Exhibitors
11:15-12:35	Plenary Room 3	Free oral communications Session 1: Techniques in Anatomy: from donation service to students evaluation. O-001 - O-008
11:15-12:35	Room 1	Free Oral Communications Session 2: Head and Neck/ Miscellaneous. O-009- O-016
13:00-14:00	First Floor	Lunch, Posters & Exhibitors
13:00-14:00	Council Rooms	SRA Editorial meeting - ROOM COUNCILS 1 (floor 1)
14:00-15:30	Plenary Room 3	Free Oral Communications Session 3: Thorax and heart O-017- O-025
15:30-16:15	First Floor	Coffee, Posters & Exhibitors
16:15-17:30	Plenary Room 3	Clinical Anatomy. Moderators: Fabrice Duparc, R. Shane Tubbs
		Recent Works of Pelvic Floor Anatomy: Spatial Distributions of Skeletal and Smooth Muscular Tissues Keiichi Akita. Tokyo, Japan
		Morphological Analysis of Bronchial Arteries and Variants with Computed Tomography Angiography Rodrigo Elizondo Omaña. Monterey, Mexico
		Segmentation of the kidney Raffaele de Caro. Padova, Italy

TUESDAY, 25 TH JUNE		
09:00-10:15	Plenary Room 3	Imaging. Moderators: Marko Konschake, Trifon Totlis
		Anatomy and imaging: history, techniques, and clinical applications. Bruno Grignon. Nancy, France
		The More You Know, the More You See: the Ultimate Sono-Anatomy Bernhard Moriggl. Innsbruck, Austria
		Imaging in research on clinical anatomy. Veronica Macchi. Padova, Italy
10:15-11:00	First Floor	Coffee, Posters & Exhibitors
11:00-13:00	Plenary Room 3	Free oral communications Session 4: Applied anatomy in surgical techniques. O-026 - O-037
11:00-13:00	Room 1	Free oral communications Session 5: Nervous system (central and peripheral). O-038 - O-049
13:00-14:00	First Floor	Lunch, Posters & Exhibitors
13:00-14:00	Council Rooms	EACA Council ROOM COUNCILS 1 (floor 1)// ISCAA Council ROOM COUNCILS 2 (floor 1)
14:00-15:30	Plenary Room 3	Free Oral Communications Session 6: Pelvis Abdomen. O-050 - O-058
15:30-16:15	Plenary Room 3	Technical presentation: "Virtual practices for teaching Human Anatomy. The UPF experience". Prof. José Antonio Pereira. Barcelona. Spain
15:30-16:15	First Floor	Coffee, Posters & Exhibitors
16:15-17:30	Plenary Room 3	Dissecting Room. Moderators: Teresa Vazquez, Nihal Apaydin
		Human Gross Anatomy Laboratory in the 21st Century Ernie Talarico. Illinois, USA
		Brachial plexus and its topography to fasciae: different interpretations by anatomists and anaesthetists! Georg Feigl. Graz, Austria
		Production of Prosections for teaching, book illustrations, clinical research etc. Bari Logan. Cambridge, U.K.
20:30		Gala Dinner - <i>Pedro Larumbe Restaurant</i> <i>Calle Serrano, 61, 28006 Madrid</i>

WEDNESDAY, 26 TH JUNE		
09:00-10:15	Plenary Room 3	Anatomical Variations. Moderators: Rodrigo Elizondo, Raffaele De Caro
		The Importance of Cataloging and Disseminating Anatomical Human Variation in the Modern Age Shane Tubbs. Seattle, USA
		Pitfalls of anatomical variants terminology David Kachlick. Prague, Czech Republic
		Translational Research in Surgical Anatomy Marios Loukas. Grenada, Grenada
10:15-11:00	First Floor	Coffee, Posters & Exhibitors
11:00-13:00	Plenary Room 3	Free oral communications Session 7: Education Evaluation. O-059 - O-071
11:00-13:00	Room 1	Free oral communications Session 8: Locomotor system. O-072 - O-083
13:00-14:00	First Floor	Lunch, Posters & Exhibitors
13:00-14:00	Council Rooms	EACA general assembly ROOM COUNCILS 1 (floor 1)// ISCAA general assembly ROOM COUNCILS 2 (floor 1)
14:00-15:30	Plenary Room 3	Publishing in Anatomy. Moderators: Akita Keiichi, Quentin Fogg
		Friedrich Paulsen. Editor-in-Chief of Annals of Anatomy
		Fabrice Duparc. Editor-in-Chief of Surgical Radiological Anatomy
		Shane Tubbs. Editor-in-Chief of Clinical Anatomy
15:30	Plenary Room 3	Closing Ceremony

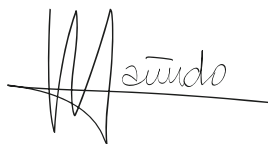
It is a pleasure to welcome you all to the Joint Meeting between the European Association of Clinical Anatomists and the International Symposium of Clinical and Applied Sciences with a special warm welcome to the invited Societies from Japan, Mexico and Spain.

Our program committee Directed by Fabrice Duparc and Marko Konschake has worked tirelessly with the members of the Scientific Committee to put together an interesting and exciting scientific program. Many volunteers have helped us to organize an array of Oral and Poster sessions that cover many of the scientific topics currently under intense discussion in our scientific community.

We are also very honored to have with us an outstanding group of keynote speakers (F. Duparc, F. Paulsen, Sh Tubbs, M. Loukas, R. Elizondo, K Akita, V. Macchi, B. Girgnon, R. Moriggl., B. Logan, G. Feigl, D. Kachlick and R. De Caro) and plenary speaker (X. Navarro). We hope that with such a program you will all enjoy hearing about the latest scientific developments in this field, and find plenty of opportunities to learn new things and interact with other scientists, widening your network and fostering new collaborations.

Finally, I would like to thank mainly to the King Philipe VI for accepting to be President of Honour of the Congress and the Rector of the Complutense University, Dean of the Medical School and the Director of the Clinic Hospital and to all members of the Local Organizing Committtee and volunteers.

We warmly welcome you and sincerely hope that you enjoy this event that we have prepared with great enthusiasm, and will also be able to experience several of the many activities that Madrid has to offer.

A handwritten signature in black ink, appearing to read 'Sañudo', with a large, stylized initial 'M' or 'J' to the left.

Jose Sañudo

President of the Congress

HONORARY COMMITTEE



Joaquín Goyache
Chancellor of the
Complutense University
of Madrid, Spain



Javier Arias
Dean of the Faculty
of Medicine of
Complutense University
of Madrid, Spain



Julio Mayol
Director del Hospital
Clínico San Carlos, Spain

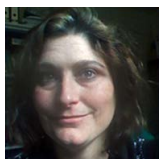
LOCAL COMMITTEE



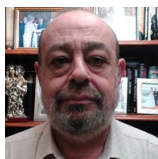
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Jose Sañudo
Madrid, Spain



VICE-PRESIDENT
Teresa Vazquez
Madrid, Spain



SECRETARY
Eva Maranillo
Madrid, Spain



TREASURER
Fermín Viejo
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Francisco Juan Pastor
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Alino Martinez-Marcos
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Consolación Melguizo
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Jose Vicente Lafuente
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Francisco Reina
Girona, Spain



Anna Carrera
Girona, Spain



Alfonso Valverde
Valencia, Spain



Juan Suárez-Quintanilla
Santiago de Compostela,
Spain



Diego Echevarría
Alicante, Spain



Arturo Prada Oliveira
Cádiz, Spain



Agustin Castañeira
Tenerife, Spain



Blanca Mompeó
Las Palmas, Spain



Jose Antonio Pereira
Barcelona, Spain



Rosa Mirapeix
Barcelona, Spain



Theresa Larkin
Wollongong, Australia



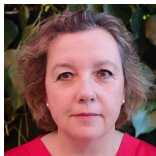
Jessica Gonzalez
San Jose, Costa Rica



Diego Pineda
Mexico, Mexico

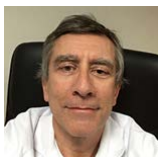


Fran J. Valderrama-Canales
Tarragona, Spain



Pilar Pérez Llovet
Spain

SCIENTIFIC COMMITTEE



**DIRECTOR OF THE
SCIENTIFIC COMMITTEE**
Fabrice Duparc
Rouen, France



**DIRECTOR OF THE
SCIENTIFIC COMMITTEE**
Marko Konschake
Innsbruck, Austria



Nihal Apaydin
Ankara, Turkey



Raffaele de Caro
Padova, Italy



Georg Feigl
Graz, Austria



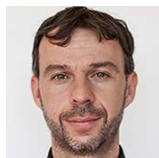
Quentin Fogg
Melbourne, Australia



Bruno Grignon
Reims, France



Kenji Ibukuro
Tokyo, Japan



David Kachlik
Prague, Czech R



José Luís Trejo
Madrid, Spain



Veronica Macchi
Padova, Italy



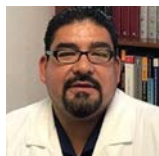
Ramón Muñoz-Chapuli
Malaga, Spain



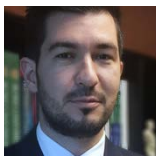
Akimoto Nimura
Tokyo, Japan



Alejandro Quiroga
Monterrey, Mexico



Antonio Soto
Mexico, Mexico



Trifon Totlis
Greece

MONDAY, 24TH

Plenary ROOM 3 (First Floor)

09:00-10:00 **OPENING CEREMONY**

Plenary ROOM 3 (First Floor)

10:00-10:30 **OPENING CONFERENCE "INTERFACING THE PERIPHERAL NERVOUS SYSTEM WITH ADVANCED PROSTHESES. ANATOMICAL AND PHYSIOLOGICAL CONTRIBUTIONS"**▶ Prof. Xavier Navarro. *Barcelona, Spain***MODERATORS:**▶ Jose Sañudo. *Madrid, Spain*▶ Prof. Xavier Navarro. *Barcelona, Spain*10:30-11:15 **COFFEE, POSTERS & EXHIBITORS**

Plenary ROOM 3 (First Floor)

11:15-12:35 **FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-001 - O-008****Session 1: Techniques in Anatomy: from donation service to students evaluation**[Page 19](#)**MODERATORS:**

▶ Bruno Grignon

Anatomy and Guilloz Imaging Department, CHRU Nancy, France

▶ Veronica Macchi

University of Padova.UNIPD. Institute of Human Anatomy

ROOM 1 (First Floor)

11:15-12:35 **FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-009- O-016****Session 2: Head and Neck/Miscellaneous**[Page 20](#)**MODERATORS:**▶ Heejin Kim. *Seoul, Republic of Korea**Hee-Jin KIM DDS, PhD, Professor, Division in Anatomy & Developmental Biology, Department of Oral Biology, Yonsei University College of Dentistry*▶ Alejandro Quiroga. *Monterrey, Mexico**M.D., M.Surg, Ph.D., Human Anatomy Department, School of Medicine, Universidad Autónoma de Nuevo León*

13:00-14:00 LUNCH, POSTERS & EXHIBITORS

Plenary ROOM 3 (First Floor)

14:00-15:30 FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-017- O-025

Session 3: Thorax and heart

[Page 21](#)

MODERATORS:

- ▶ **Marios Loukas.** *Grenada, Grenada*
Department of Anatomical Sciences, St. George's University, Grenada, West Indies
- ▶ **Kenji Ibujuro.** *Japanesse*
Nihon University, School of Medicine, Department of Diagnostic Radiology

15:30-16:15 COFFEE, POSTERS & EXHIBITORS

Plenary ROOM 3 (First Floor)

16:15-17:30 CLINICAL ANATOMY

MODERATORS:

- ▶ **Fabrice Duparc.** *Rouen. France*
Editor in Chief. Surgical and Radiologic Anatomy
Laboratory of Anatomy, Faculty of Medicine. Rouen University
- ▶ **R. Shane Tubbs.** *Seattle. USA*
Ph.D., PA-C, MSc. Chief Scientific Officer. Seattle Science Foundation

Recent Works of Pelvic Floor Anatomy: Spatial Distributions of Skeletal and Smooth Muscular Tissues

- ▶ **Keiichi Akita.** *Tokyo, Japan*

Morphological Analysis of Bronchial Arteries and Variants with Computed Tomography Angiography

- ▶ **Rodrigo Elizondo Omaña.** *Monterey, Mexico*

Segmentation of the kidney

- ▶ **Raffaele de Caro.** *Padova, Italy*

TUESDAY, 25TH

Plenary ROOM 3 (First Floor)

09:00-10:15

IMAGING

MODERATORS:

- ▶ **Marko Konschake.** *Innsbruck, Austria*
Expert in Clinical, Applied and Translational Anatomy Medical.
University of Innsbruck address Department of Anatomy, Histology and Embryology
- ▶ **Trifon Totlis.** *Greece*
Assist. Professor in Anatomy, Department of Anatomy & Surgical Anatomy, Medical School, Aristotle University of Thessaloniki, Greece

Anatomy and imaging: history, techniques, and clinical applications.

- ▶ **Bruno Grignon.** *Nancy, France*

The More You Know, the More You See: the Ultimate Sono-Anatomy.

- ▶ **Bernhard Moriggl.** *Innsbruck, Austria*

Imaging in research on clinical anatomy.

- ▶ **Veronica Macchi.** *Padova, Italy*

10:15-11:00

COFFEE, POSTERS & EXHIBITORS

Plenary ROOM 3 (First Floor)

11:00-13:00

FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-026 - O-037

Session 4: Applied anatomy in surgical techniques[Page 23](#)

MODERATORS:

- ▶ **Mirela Eric.** *Novi Sad, Serbia*
Department of Anatomy, Faculty of Medicine, University of Novi Sad, Serbia
- ▶ **Jose A. Pereira.** *Barcelona, Spain*
CEXS Department and General Surgery Service, Parc de Salut Mar, Universitat Pompeu Fabra, Barcelona

ROOM 1 (First Floor)

11:00-13:00

FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-038 - O-049

Session 5: Nervous system (central and peripheral)[Page 25](#)**MODERATORS:**

- ▶ **Lia Lucas Neto.** *Lisbon, Portugal*
MD, PhD, Anatomy Department-Lisbon Medical School, Neuroradiology
Department-North Lisbon Medical Center
- ▶ **Jose L. Trejo.** *Madrid, Spain*
Adult Neurogenesis Laboratory, Cajal Institute - CSIC, Madrid - Spain

13:00-14:00

LUNCH, POSTERS & EXHIBITORS

Plenary ROOM 3 (First Floor)

14:00-15:30

FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-050 - O-058

Session 6: Pelvis Abdomen[Page 27](#)**MODERATORS:**

- ▶ **Vaclav Baca.** *Jihlava, Czech Republic*
Department of Health Care Studies, College of Polytechnics Ji-
hlava, Department of Anatomy, Third Faculty of Medicine, Charles
University in Prague
- ▶ **Keiichi Akita.** *Tokyo, Japan*
M.D., PhD., Professor, Department of Clinical Anatomy, Tokyo Medi-
cal and Dental University (TMDU)

15:30-16:15

COFFEE, POSTERS & EXHIBITORS

Plenary ROOM 3 (First Floor)

15:30-16:15

TECHNICAL PRESENTATION: "VIRTUAL PRACTICES FOR TEACHING HUMAN ANATOMY. THE UPF EXPERIENCE".

- ▶ **Prof. José Antonio Pereira.** *Associate Professor of Human Anatomy at CEXS Department. Universitat Pompeu Fabra. Barcelona.*
Consultant Surgeon specialised in Abdominal Wall Surgery at General and Digestive Surgery Department. Hospital del Mar. Parc de Salut Mar. Barcelona. Spain

Plenary ROOM 3 (First Floor)

16:15-17:30

DISSECTING ROOM

MODERATORS:

- ▶ Teresa Vázquez. *Madrid, Spain*
- ▶ Nihal Apaydin. *Ankara, Turkey*
Medical Doctor and Full Professor in Anatomy and Multidisciplinary Neuroscience, at the Ankara University Faculty of Medicine (Turkey).

Human Gross Anatomy Laboratory in the 21st Century

- ▶ Ernie Talarico. *Illinois, USA*

Brachial plexus and its topography to fasciae: different interpretations by anatomists and anaesthetists!

- ▶ Georg Feigl. *Graz, Austria*

Production of Prosections for teaching, book illustrations, clinical research etc.

- ▶ Bari Logan. *Cambridge, U.K.*

20:30

GALA DINNER. PEDRO LARUMBE RESTAURANT

Calle Serrano, 61, 28006 Madrid

WEDNESDAY, 26TH

Plenary ROOM 3 (First Floor)

09:00-10:15

ANATOMICAL VARIATIONS

MODERATORS:

- ▶ Rodrigo Elizondo. *Monterrey, Mexico*
- ▶ Raffaele De Caro. *Padova, Italia*

The Importance of Cataloging and Disseminating Anatomical Human Variation in the Modern Age

- ▶ Shane Tubbs. *Seattle, USA*

Pitfalls of anatomical variants terminology

- ▶ David Kachlík. *Prague, Czech Republic*

Translational Research in Surgical Anatomy

- ▶ Marios Loukas. *Grenada, Grenada*

10:15-11:00

COFFEE, POSTERS & EXHIBITORS

Plenary ROOM 3 (First Floor)

11:00-13:00

FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-059 - O-071

Session 7: Education Evaluation
[Page 28](#)

MODERATORS:

- ▶ Prof. Fabrice Duparc. *Rouen. France*
Editor in Chief. Surgical and Radiologic Anatomy
Laboratory of Anatomy, Faculty of Medicine. Rouen University
- ▶ Ayhan Cömert. *Ankara, Turkey*
MD, Professor, Ankara University, School of Medicine, Department of
Anatomy, Board member and Treasurer of TSACA (Turkish Society
of Anatomy & Clinical Anatomy), Board member of ISCAA

ROOM 1 (First Floor)

11:00-13:00 **FREE ORAL COMMUNICATIONS: COMMUNICATIONS O-072 - O-083****Session 8: Locomotor system**

Page 30

MODERATORS:

- ▶ **Konstantinos Natsis.** *Department of Anatomy & Surgical Anatomy, School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece*
- ▶ **Akimoto Nimura.** *Tokyo, Japan*
MD, Ph.D, Associate Professor, Department of Functional Joint Anatomy, Tokyo Medical & Dental University (TMDU)

13:00-14:00 **LUNCH, POSTERS & EXHIBITORS**

Plenary ROOM 3 (First Floor)

14:00-15:30 **PUBLISHING IN ANATOMY****MODERATORS:**

- ▶ **Akita Keiichi.** *Tokyo, Japan*
- ▶ **Quentin Fogg.** *Melbourne, Australia*

SPEAKERS:

- ▶ **Friedrich Paulsen.** *Editor-in-Chief of Annals of Anatomy*
- ▶ **Fabrice Duparc.** *Editor-in-Chief of Surgical Radiological Anatomy*
- ▶ **Shane Tubbs.** *Editor-in-Chief of Clinical Anatomy*

Plenary ROOM 3 (First Floor)

15:30 **CLOSING CEREMONY**

ORAL SESSION 1-Techniques in Anatomy: from donation service to students evaluation 24/06/2019 11:15, Plenary room

O-001

KNOWLEDGE, ATTITUDE AND PRACTICE AMONG MEDICAL AND DENTAL UNDERGRADUATES REGARDING ON WHOLE BODY DONATION FOR TEACHING LEARNING PURPOSES: PERSPECTIVES FROM BIOETHICS- A CROSS SECTIONAL STUDY

Koirala, Sarun; Shah, Sandip; Shakya, Dana Ratna; Rimal, Jyostna; Khanal, Laxman; Rijal, Arpana; Baral, Dharani Dhar.

BP Koirala Institute of Health Sciences, Dharan-18, Nepal.

O-002

COMPARISON BETWEEN DODGE AND TRADITIONAL EMBALMING TECHNIQUES

Compbell, Iain; Dhumale, Sameer; Gillingwater, Thomas; Alashkham, Abduelmenem.

University of Edinburgh, Edinburgh, United Kingdom.

O-003

STUDY PREFERENCES IN ANATOMY EDUCATION: PERSPECTIVE OF TURKISH MEDICAL STUDENTS

Barut, Cagatay; Karaer, Ekremcan; Yavuz, Melike.

Bahcesehir University, Istanbul, Turkey.

O-004

UNCLAIMED CADAVERS VS BODY DONATION: A COMPARATIVE STUDY OF CADAVERS' TRANSPORTATION IN THE DEPARTMENTS OF ANATOMY IN GREECE

Natsis, Konstantinos¹; Piagkos, Giannoulis²; Skandalakis, George P.²; Lazaridis, Nikolaos¹; Anastasopoulos, Nikolaos¹; Piagkou, Maria².

¹Department of Anatomy and Surgical Anatomy, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece; ²Department of Anatomy and Surgical Anatomy, Medical School, National and Kapodistrian University of Athens, Athens, Greece.

O-005

IMPROVEMENT IN THE LEARNING PROCESS OF RADIOLOGICAL ANATOMY COMPETENCES AFTER THE IMPLEMENTATION OF E-LEARNING MODULES

Jimeno Fraile, Jaime; Lleal Curtey, Marina; Meri, Alexandre; Sanchez, Juan; Busto, Marcos; Bravo, Alejandro; Pereira, Jose Antonio.

Universitat Pompeu Fabra, Barcelona, Spain.

O-006

BODY DONATION IN POLAND. PROBLEMS, PERSPECTIVES AND FUTURES

Łopińska, Marcelina¹; Gielecki, Jerzy¹; Żurada, Anna².

¹Department of Anatomy Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland; ²Department of Radiology Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland.

O-007**SURVEY FROM STUDENTS OF MILITARY PHYSICIAN ABOUT DIFFERENT METHODS USED TO TEACH PRACTICAL ANATOMY**

García Martín, Jesús¹; Hernández Fernández, Lorenzo Mauricio¹; Sánchez Gil, María Asunción²; García Honduvilla, Natalio³.

¹*Departamento de Cirugía y Ciencias Médicas y Sociales. Unidad Docente de Anatomía y Embriología Humana. Facultad de Medicina y Ciencias de La Salud, Alcalá de Henares, Spain;* ²*Centro Universitario de la Defensa, Madrid, Spain;* ³*Departamento de Ciencias Biomédicas, Facultad de Medicina y Ciencias de la Salud, Alcalá de Henares, Spain.*

O-008**NOVEL CONTRAST AGENT WITH GADOLINIUM REVEALS DETAILED HUMAN VASCULAR ANATOMY FROM DONOR CADAVERS USING MRI**

Benninger, Brion; Smyth, Ciaran; Hay, Madeline; Echols, Scott.

Medical Anatomy Center, Western University of Health Sciences, Lebanon, Oregon, United States.

ORAL SESSION 2 -Head and Neck/Miscellaneous

24/06/2019 11:15, Room 1

O-009**CORONA MORTIS: ANATOMICAL VARIATION AND ITS CLINICAL SIGNIFICANCE**

Al Talalwah, Waseem¹; Soames, Roger².

¹*King Saud bin Abdulaziz University for Health Sciences, College of Medicine, Riyadh, Saudi Arabia;* ²*University of Dundee, College of Life Science, United Kingdom.*

O-010**EVIDENCE-BASED ANATOMY**

Yammine, Kaissar.

Lebanese American University, Beirut, Lebanon.

O-011**A COMPARISON BETWEEN THE LUMBOPELVIC BIOMECHANICS OF SEVERAL BREASTFEEDING POSITIONS**

Biviá-Roig, Gemma¹; Lisón, Juan Francisco²; Sánchez-Zuriaga, Daniel³.

¹*Department of Physiotherapy, Universidad Cardenal Herrera-CEU, Alfara del Patriarca, Spain;* ²*Department of Medicine, Universidad Cardenal Herrera-CEU, Alfara del Patriarca, Spain;* ³*Department of Anatomy and Human Embryology, University of València, València, Spain.*

O-012**ANATOMICAL REPAIR OF CRANIOFACIAL DEFECTS BY CUSTOM CRANIOPLASTIES PERFORMED BY LOW-COST 3D PRINTING**

Imekraz, Sofiane; Bouaziz, Mourad.

Faculty of Medecine, Annaba, Algeria, Algeria.

O-013

ANATOMICAL VARIATIONS OF THE LEVATOR PALPEBRAE SUPERIORIS MUSCLE

Haładaj, Robert; Topol, Mirosław.

Department of Normal and Clinical Anatomy, Medical University of Lodz, Lodz, Poland.

O-014

PREVENTION OF MIGRATION OF ILIOSACRAL SCREWS AFTER OSTEOSYNTHESIS OF UNSTABLE PELVIC INJURIES

Baca, Vaclav¹; Hlavacek, Daniel²; Sidlo, Krystof²; Skubal, Jan²; Horak, Zdenek³; Dzupa, Valer⁴.

¹College of Polytechnics Jihlava and Centre for Integrated Study of Pelvis, Prague, Jihlava, Czech Republic; ²Centre for Integrated Study of Pelvis, Third Faculty of Medicine, Charles University, Prague, Czech Republic; ³College of Polytechnics Jihlava and Centre for Integrated Study of Pelvis, Third Faculty of Medicine, Charles University, Prague, Jihlava, Czech Republic; ⁴Centre for Integrated Study of Pelvis and Department of Orthopaedics and Traumatology, Third Faculty of Medicine, Charles University and FNKV, Prague, Czech Republic.

O-015

SPATIAL RELATIONSHIP OF THE FACIAL MUSCLES IN THE NASOLABIAL FOLD BY ANATOMICAL DISSECTION AND THREE-DIMENSIONAL MICROCOMPUTED TOMOGRAPHY

O, Jehoon¹; Kwon, Hyun-Jin¹; Yang, Hun-Mu¹; Hur, Mi-Sun².

¹Department of Anatomy, Yonsei University College of Medicine, Seoul, Republic of South Korea; ²Department of Anatomy, Catholic Kwandong University College of Medicine, Gangneung, Republic of South Korea.

O-016

THE LACRIMAL SYSTEM - PICTORIAL REVIEW OF THE ANATOMY AND PATHOLOGY USING DACRYOCYSTOGRAPHY

Correia, Manuel Alberto; Raposo, Francisco; Proença, Filipa; Guerreiro, Carla; Biscoito, Luisa; Sá, Graça; Neto, Lia.

Centro Hospitalar e Universitário Lisboa Norte, Lisboa, Portugal.

O-063

AN ADVANCED SURGICAL ANATOMY COURSE THAT EMPHASISES UNIQUE PARTS OF THE "HIDDEN CURRICULUM"

Fogg, Quentin.

The University of Melbourne, Melbourne, Australia.

ORAL SESSION 3 -Thorax and heart

24/06/2019 14:00, Plenary room

O-017

THE EFFECT OF HYPERKYPHOSIS ON RIB CAGE MORPHOLOGY

Peleg, Smadar¹; Pelleg Kallevag, Ruth¹; Dar, Gali²; Steinberg, Nili³; Masharawi, Youssef⁴; May, Hila⁴.

¹Zefat Academic College, Zefat, Israel; ²University of Haifa, Haifa, Israel; ³Wingate Institute, Netanya, Israel; ⁴Tel Aviv University, Tel Aviv, Israel.

O-018**PEDIATRIC CENTRAL VENOUS CATHETERIZATION: THE ROLE OF THE AORTIC VALVE IN DEFINING THE SVC/RA JUNCTION**

Hinton, Lucy¹; Fischer, Nicholas¹; Taghavi, Kiarash²; O'hagan, Lomani³; Mirjalili, Ali³.

¹Department of General Surgery, Gisborne Hospital, Gisborne, New Zealand; ²Department of Paediatric Surgery, The Royal Children's Hospital, Melbourne, Australia; ³Department of Anatomy and Medical Imaging, University of Auckland, Auckland, New Zealand.

O-019**STRUCTURAL ORGANIZATION OF THE CONDUCTION SYSTEM OF HEART OF HUMAN FETUSES**

Spirina, Galina; Spirina, Galina.

Ural State Medical University, Yekaterinburg, Russian Federation.

O-020**FEATURES OF THE FETAL HEART ANATOMY IN THE PRENATAL PERIOD OF THE ONTOGENESIS**

Liashchenko, Diana; Liashchenko, Vlada.

Orenburg State Medical University, Orenburg, Russian Federation.

O-021**THE LYMPHOVENOUS JUNCTION, A TRUE ANATOMICAL VALVE?**

O'hagan, Lomani¹; Windsor, John²; Mirjalili, Ali¹.

¹Department of Anatomy and Medical Imaging, University of Auckland, Auckland, New Zealand; ²Department of Surgery, University of Auckland, Auckland, New Zealand.

O-022**AORTIC ARCH VARIANTS, WHICH MAY CAUSE COMPRESSION OF THE TRACHEA**

Natsis, Konstantinos¹; Lyrtzis, Christos¹; Piagkou, Maria².

¹Department of Anatomy and Surgical Anatomy, School of Medicine, Aristotle University of Thessaloniki, Thessaloniki, Greece; ²Department of Anatomy and Surgical Anatomy, Medical School, National and Kapodistrian University of Athens, Athens, Greece.

O-023**ANATOMICAL STUDY OF THE ORIGIN OF AZYGOS VEIN IN GREEK CADAVERS**

Koutsouflianiotis, Konstantinos¹; Paraskevas, George¹; Piagkou, Maria²; Natsis, Konstantinos¹.

¹Department of Anatomy and Surgical Anatomy, School of Medicine, Aristotle University of Thessaloniki, Thessaloniki, Greece; ²Department of Anatomy and Surgical Anatomy, Medical School, National and Kapodistrian University of Athens, Athens, Greece.

O-024**AN UNUSUAL RIGHT CORONARY ARTERY EMERGING FROM DISTAL CIRCUMFLEX ARTERY: A CASE REPORT**

Lafci Fahrioglu, Sevda¹; Muhtaroglu, Musa¹; Okcun, Refika²; İlg, Nedim Sezgin¹.

¹Faculty of Medicine, Anatomy Department, Near East University, Nicosia, Cyprus; ²Cardiology Department, Dr Burhan Nalbantoglu State Hospital, Nicosia, Cyprus.

O-025

WHAT IS THE ANATOMICAL DEFINITION AND FUNCTION OF A VALVE?

Benninger, Brion¹; Mirjalili, Ali².

¹Medical Anatomy Center, Western University of Health Sciences, Lebanon, Oregon, United States; ²Clinical Anatomy, Auckland University, Auckland, New Zealand.

ORAL SESSION 4 -Applied anatomy in surgical techniques

25/06/2019 11:00, Plenary room

O-026

ANATOMICAL STUDY OF THE PERFORATOR FLAP BASED ON THE ACROMIAL BRANCH OF THE THORACO-ACROMIAL ARTERY (ABTAA FLAP): A CADAVERIC STUDY

Anne-Carole, Portenard¹; Isabelle, Auquit-Auckbur¹; Ludivine, Gardeil¹; Bénédicte, Elbaz¹; Alice, Carricaburu¹; Fabrice, Duparc².

¹Department of Plastic, Reconstructive and Hand Surgery, Rouen University Hospital, France; ²Laboratory of Anatomy, Faculty of Medicine, Rouen, France.

O-027

"THE SIGN OF FRANK AND CORONARY HEART DISEASE: IMPLEMENTATION OF A SISTEM OF ARTIFICIAL VISION FOR ITS DETECTION"

Vásquez López, Jairo Alfonso¹; López Garzón, Nelson Adolfo¹; Guevara Mera, Ana Maria²; Aristizabal Trochez, José Miguel³; Vargas Cañas, Rubiel².

¹Universidad del Cauca- Departamento de Morfología, Popayán, Colombia; ²Universidad del Cauca- Departamento de Física, Popayán, Colombia.

O-028

SELECTING A RECIPIENT NERVE FOR DEEP INFERIOR EPIGASTRIC PERFORATOR (DIEP) FLAP NEUROTIZATION IN BREAST RECONSTRUCTION - AN ANATOMICAL STUDY

Varanda Pereira, Alice¹; Ramos, Márcio¹; Fialho, Maria Cristina¹; Esteves, Sofia¹; Vieira, Luis²; Álvares Furtado, Ivo¹.

¹Institute of Anatomy, Lisbon Faculty of Medicine, Lisbon, Portugal; ²Plastic Reconstructive Surgery Department, Lisbon Central Hospital Center, Lisbon, Portugal.

O-029

ANATOMICAL BASIS OF DISTALLY BASED ANTEROLATERAL THIGH FLAP

Rivera Vegas, María Jesús¹; Puebla Parral, Andrea²; Didirka Diaz, Alex²; Maranillo Alcaide, Eva³; Vazquez Osorio, María Teresa⁴.

¹Hospital Universitario de Burgos, Burgos, Spain; ²Facultad de Medicina, Universidad Complutense, Madrid, Spain; ³Centro de Donación de Cuerpos y Sala de Disección Facultad de Medicina Universidad Complutense, Madrid, Spain.

O-030

ARTERIAL SUPPLY OF THE BREAST AND NIPPLE-AREOLA COMPLEX: MRI AND CADAVERIC STUDY

Bhardwaj, Harshita; Sehgal, Ritu; Roy, T.S.; Srivastava, Anurag; Hari, Smriti.

All India Institute of Medical Sciences, New Delhi, India.

O-031**AUGMENTED REALITY GUIDANCE FOR FREE FLAP RECONSTRUCTIVE SURGERY - A PILOT STUDY**

Pérez-Pachón, Laura¹; Poyade, Matthieu²; Lowe, Terry³; Gröning, Flora¹.

¹School of Medicine, Medical Sciences and Nutrition, University of Aberdeen, Aberdeen, United Kingdom; ²School of Simulation and Visualisation, Glasgow School of Art, Glasgow, United Kingdom; ³Aberdeen Royal Infirmary and School of Medicine, Medical Sciences and Nutrition, University of Aberdeen, Aberdeen, United Kingdom.

O-032**THE ANATOMICAL BASIS OF THE SENSATE DEEP INFERIOR EPIGASTRIC PERFORATOR (DIEP) FLAP IN BREAST RECONSTRUCTION**

Varanda Pereira, Alice¹; Braga Martins, Antónia¹; Baptista, Francisco¹; Peixoto, Tiago Miguel¹; Vieira, Luis²; Álvares Furtado, Ivo¹.

¹Institute of Anatomy, Lisbon Faculty of Medicine, Lisbon, Portugal; ²Plastic Reconstructive Surgery Department, Lisbon Central Hospital Center, Lisbon, Portugal.

O-033**THE EFFECT OF MATERNAL POSITION ON FETO-PLACENTAL BLOOD FLOW AND OXYGENATION USING MRI**

Couper, Sophie¹; Stone, Peter¹; Clark, Alys²; Melbourne, Andrew³; Mirjalili, Ali⁴.

¹Department of Obstetrics and Gynaecology, University of Auckland, Auckland, New Zealand; ²Auckland Bioengineering Institute, University of Auckland, Auckland, New Zealand; ³Department of Medical Physics and Biomedical Engineering, University College London, London, United Kingdom; ⁴Anatomy and Medical Imaging Department, University of Auckland, Auckland, New Zealand.

O-034**ANATOMICAL STUDY OF THE CHONDROCOSTAL GRAFT VASCULARIZATION**

Chroschiany, Sacha¹; Bernard, Jean-Philippe¹; Hardy, Jeremy¹; Mathieu, Pierre-Alain²; Mabit, Christian²; Marcheix, Pierre-Sylvain¹.

¹Centre Hospitalier Universitaire Dupuytren, Limoges, France; ²Laboratoire d'Anatomie, Faculté de Médecine de Limoges, France.

O-035**3D PRINTING: FROM COMPREHENSIVE ANATOMY TO SURGICAL PLANNING**

Mathieu, Pierre-Alain¹; Cunique, Thibaud²; Texier, Justin; Marcheix, Pierre-Sylvain²; Mabit, Christian¹.

¹Laboratoire d'Anatomie, Faculté de Médecine de Limoges, France; ²Centre Hospitalier Universitaire Dupuytren, Limoges, France.

O-036**ULTRASOUND-GUIDED DECOMPRESSION SURGERY OF THE DISTAL TARSAL TUNNEL: A NOVEL TECHNIQUE FOR THE DISTAL TARSAL TUNNEL SYNDROME—PART III**

Moroni, Simone.

Clínica Vitruvio Madrid, Madrid, Spain.

O-037

3D MULTIMODAL FUSION OF IMAGES AS THE NEW VALUE IN 3D STEREOSCOPIC VISUALIZATIONS

Gielecki, Jerzy¹; Rutkowski, Andrzej²; Chlebiej, Michał²; Grzona, Tomasz²; Kluczewski, Jakub²; Ciucias, Michał¹; Żurada, Anna³.

¹University of Warmia and Mazury in Olsztyn, Olsztyn, Poland; ²Faculty of Mathematics and Computer Science, Nicolaus Copernicus University, Torun, Poland; ³Department of Radiology, Collegium Medicum, Medical Faculty, University of Warmia and Mazury, Olsztyn, Poland.

ORAL SESSION 5 -Nervous system (central and peripheral)

25/06/2019 11:00, Room 1

O-038

TRANSMISSION ELECTRON MICROSCOPIC EXAMINATION OF SPINAL CORD INJURY AND HEALING PROCESS IN A SERIES OF ANIMAL STUDIES

Sargon, Mustafa F.

Department of Anatomy, Faculty of Medicine, Atilim University, Ankara, Turkey.

O-039

ANATOMICAL BASES OF PSYCHOSURGERY

Filipovic, Branislav¹; Filipovic, Branka².

¹University of Belgrade, Faculty of Medicine, Institute of Anatomy "Niko Miljanic", Beograd, Serbia; ²University of Belgrade, Faculty of Medicine, Clinical and Hospital Center "Dragisa Misovic - Dedinje", Belgrade, Serbia.

O-040

CLINICO-EMBRYOLOGIC SPECTRUM OF NEURAL TUBE DEFECTS WITH GENETIC CORRELATION

K, Kiran¹; V, Gladwin²; Bhat, Vishnu².

¹P K Das Institute of Medical Sciences, Ottapalam-1, India; ²JIPMER, Puducherry, India.

O-041

QUANTIFICATION OF INTRAEPIDERMAL NERVE FIBER DENSITY THROUGH TISSUE CLEARING AND LABELING TECHNIQUE

Kim, Dai Hyun; Lee, Se Jeong; Lee, Eunsoo; Hong, Ji Hyuck; Seo, Soo Hong; Ahn, Hyo Hyun; Kim, Byung-Jo; Sun, Woong; Rhyu, Im Joo.

Korea University College of Medicine, Seoul, Republic of South Korea.

O-042

THE RELEVANCE OF ANATOMICAL VARIATIONS FOR THE REGIONAL ANAESTHESIA OF THE SHOULDER

González-Arnay, Emilio; Jiménez-Sánchez, Lorena; Fajardo-Pérez, Mario.

Universidad Autónoma de Madrid, Madrid, Spain.

O-043**MORPHOMETRIC DIFFERENCES OF THE INSULAR VOLUME: MRI ANALYSIS WITH IBASPM**

Duman, Fatma¹; Acer, Niyazi²; Aytaç, Güneş³; Susar, Hatice³; Karaali, Kamil⁴; Sindel, Muzaffer³. ¹*Mustafa Kemal University, Department of Anatomy, Hatay, Turkey;* ²*Erciyes University, Department of Anatomy, Kayseri, Turkey;* ³*Akdeniz University, Department of Anatomy, Antalya, Turkey;* ⁴*Akdeniz University, Department of Radiology, Antalya, Turkey.*

O-044**3D STEREOSCOPIC VIEW IN SURGICAL NEUROANATOMY**

Abarca Olivas, Javier¹; Echeverria Aza, Diego²; González López, Pablo¹; Fernández Cornejo, Victor¹; Sanchez Del Campo, Francisco³; Fernández Jover, Eduardo³; Moreno López, Pedro¹; Martínez Pérez, Salvador².

¹*Hospital General Universitario, Alicante, Spain;* ²*Instituto Neurociencias, Alicante,*

O-045**ANATOMICAL STUDY OF THE DISTRIBUTION OF SENSORY NERVES SUPPLYING THE KNEE JOINT CAPSULE AND IMPLICATIONS FOR GENICULAR NERVE BLOCKADE**

Loïc, Fonkoue; Catherine, Behets; Jean-Eric, Kouassi; Christine, Detrembleur; Olivier, Cornu. *Université Catholique de Louvain, Brussels, Belgium.*

O-046**CUTANEOUS MECHANORECEPTORS ARE DIFFERENTLY INVOLVED IN PAINFUL AND NON-PAINFUL DIABETIC NEUROPATHY**

García Mesa, Yolanda¹; González Gay, Mario²; García Martínez, Irene²; Feito, Jorge³; García Piqueras, Jorge¹; Salvo, Giuseppina⁴; Viña, Eliseo⁵; Cobo, Ramón¹; Vega Álvarez, Jose Antonio¹; García Suárez, Olivia¹.

¹*Universidad de Oviedo, Oviedo, Spain;* ²*Fundación Hospital de Jove, Gijón, Spain;* ³*Universidad de Oviedo, Salamanca, Spain;* ⁴*Università di Messina, Messina, Italy;* ⁵*Hospital de Cabueñes, Gijón, Spain.*

O-047**3D PRINTING APPLICATIONS IN NEUROSCIENCES**

Bartikian, Mickael¹; Rainha-Campos, Alexandre²; Ferreira, Angélica¹; Gonçalves-Ferreira, António²; Lucas-Neto, Lia².

¹*Anatomy Department - Lisbon Medical School, Lisbon, Portugal;* ²*Anatomy Department - Lisbon Medical School and Neurosurgery Department North Lisbon Medical Center, Lisbon, Portugal.*

O-048**NOVEL BIOENGINEERED WRAPS FOR NERVE INJURY WITHOUT SUBSTANCE LOSS: A PRE-CLINICAL STUDY**

Porzionato Andrea^{1,2}, Stocco Elena^{1,2}, Barbon Silvia^{1,2}, Tiengo Cesare³, Petrelli Lucia¹, Parnigotto Pier Paolo⁴, Macchi Veronica^{1,2}, Grandi Claudio^{4,5}, De Caro Raffaele^{1,2}

¹*Section of Human Anatomy, Department Neurosciences, University of Padua, Padua, Italy;*

²*LifeLab Program, Consorzio per la Ricerca Sanitaria (CORIS), Veneto Region, Via N.*

Giustiniani 2, 35128 Padova, Italy; ³*Foundation for Biology and Regenerative Medicine, Tissue Engineering and Signaling (TES) Onlus, Padua, Italy.*

O-049

ROLE OF FASCIAE AROUND THE MEDIAN NERVE IN PATHOGENESIS OF CARPAL TUNNEL SYNDROME: MICROSCOPIC AND ULTRASOUND STUDY

Stecco, Carla; Giordani, Federico; Fan, Chenglei; Macchi, Veronica; Biz, Carlo; De Caro, Raffaele.

Department of Neuroscience, Institute of Human Anatomy, University of Padova, Padova, Italy.

ORAL SESSION 6 -Pelvis Abdomen

25/06/2019 14:00, Plenary room

O-050

THE CONCEALED "NATURAL ORIFICE" OF THE UMBILICUS REVISITED

Glisic, Christina¹; Fortélny, René²; Schmid, Thomas³; Konschake, Marko¹.

¹Division of Clinical and Functional Anatomy, Medical University Innsbruck (MUI), Innsbruck, Austria; ²Department of General-, Visceral- and Oncological Surgery, Wilhelminenspital, Vienna, Austria; ³Department of Surgery, University Hospital for Visceral, Transplant and Thoracic Surgery, Medical University Innsbruck (MUI), Innsbruck, Austria.

O-051

ORIGIN VARIABILITY OF SUPERIOR GLUTEAL ARTERY AND ITS CLINICAL SIGNIFICANCES

Al Talalwah, Waseem.

King Saud Bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia.

O-052

THE MIDDLE RECTAL ARTERY - A CONFLICTING VESSEL IN THE DEPTH OF THE PELVIS

Duller, David; Pils, Md, Ulrike; Feigl, Md, Georg; Tesch, Md, Norbert.

Gottfried Schatz Research Center, Macroscopic and Clinical Anatomy, Graz, Austria.

O-053

COEXISTENCE OF DENSE AND SPARSE AREAS IN LONGITUDINAL SMOOTH MUSCLE OF THE ANAL CANAL INSPIRED BY MRI

Muro, Satoru¹; Habu, Maika¹; Ka, Hiromasa¹; Kagawa, Ryuzaburo²; Harada, Masayo¹; Akita, Keiichi¹.

¹Department of Clinical Anatomy, Tokyo Medical and Dental University, Tokyo, Japan;

²Department of Proctology, Rakuwakai Otowa Hospital, Kyoto, Japan.

O-054

MUSCULAR ARRANGEMENT OF PROSTATIC URETHRAL WALL IN RELATION TO THE EJACULATORY DUCTS IN THE SEMINAL COLLICULUS

Hur, Mi-Sun¹; Kwon, Hyun-Jin²; Yang, Hun-Mu²; O, Jehoon²; Lee, Seunggyu³; Oh, Chang-Seok⁴.

¹Catholic Kwandong University College of Medicine, Gangneung, Republic of South Korea; ²Yonsei University College of Medicine, Seoul, Republic of South Korea; ³National Institute for Mathematical Sciences, Daejeon, Republic of South Korea; ⁴Sungkyunkwan University School of Medicine, Suwon, Republic of South Korea.

O-055**INTRAMURAL DISTRIBUTION OF THE ARTERIES IN THE STOMACH DEMONSTRATED BY X-RAY EXAMINATION WITH BARIUM CONTRAST MEDIUM INJECTED**

Eishi, Haruka¹; Yamaguchi, Kumiko¹; Hiramatsu, Yoshihiro²; Akita, Keiichi¹.

¹Tokyo Medical and Dental University, TMDU, Tokyo, Japan; ²Department of Radiology, Tachikawa Kitaguchi Kenshinkan, Tokyo, Japan.

O-056**DEVELOPMENT OF NEURAL STRUCTURES AND INTERSTITIAL CELLS OF CAJAL IN THE HUMAN FETAL APPENDIX**

Radenkovic, Goran¹; Velickov, Aleksandra¹; Petrovic, Vladimir¹; Radenkovic, Dina².

¹Institute of Histology and Embryology, School of Medicine, University in Nis, Nis, Serbia; ²UCL Medical School, University College London (UCL), London, United Kingdom.

O-057**SMOOTH MUSCLE OF THE MALE PELVIC FLOOR: A STUDY BASED ON HUMAN FETUSES**

Krystel, Nyangoh Timoh¹; Thomas, Bessede².

¹Hospital Rennes, Rennes, France; ²INSERM, Le Kremlin Bicetre, France.

O-058**ANATOMICAL EVIDENCE FOR AN AUTONOMIC INNERVATION OF THE MALE URETHRAL SPHINCTER: A STUDY OF HUMAN FETUSES**

Krystel, Nyangoh Timoh¹; Thomas, Bessede².

¹Hospital Rennes, Rennes, France; ²INSERM UMR 1195, Rennes, France.

ORAL SESSION 7 -Education Evaluation

26/06/2019 11:00, Plenary room

O-059**SIMLIFE SURGICAL SIMULATOR: OR HOW TO ASSOCIATE BODY DONATION CENTERS AND SURGICAL SIMULATION?**

Jerome, Danion; Denis, Oriot; Cyril, Breque; Jean Pierre, Richer; Jean Pierre, Faure.

ABS LAB; University Medical School of Poitiers Bâtiment D1, Rue de la Milétrie TSA 51115 86073 POITIERS Cedex 9 France, Poitiers, France.

O-060**FORMATIVE ASSESSMENT IN ANATOMY AS A WAY TO ENHANCE LEARNING PROCESS AND KNOWLEDGE RETENTION. WHY, WHAT AND WHEN?**

Bezdicikova, Marcela; Webster, Samuel V.

Swansea University Medical School, Swansea, United Kingdom.

O-061**GAMIFICATION AND AUDIENCE RESPONSE SYSTEM (ARS) IN THE LEARNING OF THE LOCOMOTOR SYSTEM ANATOMY IN THE 1ST YEAR OF MEDICINE**

González Sequeros, Ofelia¹; López González, Laura¹; Fernández Alemán, José Luis²; López Jiménez, Juan José².

¹Universidad de Murcia, Espinardo, Facultad de Medicina, Murcia, Spain; ²Universidad de Murcia, Espinardo, Facultad de Informática, Murcia, Spain.

O-062

UTILIZATION AND EFFECT OF LEARNING MATERIALS IN HUMAN ANATOMY COURSE

Yamaguchi, Kumiko; Nawa, Nobutoshi; Akita, Keiichi.

Tokyo Medical and Dental University, TMDU, Tokyo, Japan.

O-064

YIN AND YANG. PIN AND FLIPPED PIN TESTS

Łopińska, Marcelina¹; Gielecki, Jerzy¹; Żurada, Anna².

¹Department of Anatomy Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland; ²Department of Radiology Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland.

O-065

PIN TEST IN MINI-OSCE FORMAT. UNEXPECTED BENEFITS FROM THE USE OF TABLETS

Polak, Katarzyna¹; Gielecki, Jerzy¹; Żurada, Anna².

¹Department of Anatomy Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland; ²Department of Radiology Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland.

O-066

NEAR-PEER TEACHING STRATEGY FOR A HUMAN ANATOMY COURSE: PERCEPTIONS OF UNDERGRADUATE MEDICAL STUDENTS

Sotgiu, Maria Alessandra¹; Bandiera, Pasquale¹; Mazzarello, Vittorio¹; Montella, Andrea¹; Moxham, Bernard².

¹Department of Biomedical Sciences, University of Sassari, Sassari, Italy; ²Cardiff School of Biosciences, Cardiff University, Cardiff, United Kingdom.

O-067

THE FAST AND THE FURIOUS LEARNING OF ANATOMICAL TERMS. ANKI FLASHCARDS METHOD

Klepacki, Łukasz¹; Gielecki, Jerzy¹; Żurada, Anna².

¹Department of Anatomy Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland; ²Department of Radiology Collegium Medicum, Medical Faculty, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland.

O-068

USING VIRTUALAND AUGMENTED -MIXED REALITY- 3D MODELS FROM CT SCANS OF REAL PATIENT FOR ANATOMY EDUCATION

Demiryurek, Deniz.

Hacettepe University Faculty of Medicine, Ankara, Turkey.

O-069**HANDS-ON COURSES OF BRONCHOSCOPY FOR ANESTHESIOLOGISTS AND INTENSIVISTS**Baca, Vaclav¹; Bartakova, Hana²; Otahal, Michal³; Skubal, Jan⁴; Votruba, Jiri².*¹College of Polytechnics Jihlava and Educational Center for Anatomy and Endoscopy, Third Faculty of Medicine, Charles University, Prague, Jihlava, Czech Republic; ²Department of Pulmonology, First Medical Faculty, Charles University and VFN, Prague, Prague, Czech Republic; ³Department of Anesthesiology and Critical Care, First Medical Faculty, Charles University and VFN, Prague, Prague, Czech Republic; ⁴Educational Center for Anatomy and Endoscopy, Third Faculty of Medicine, Charles University, Prague, Czech Republic.***O-070****MIXED SIMULATION CENTER OR CLINICAL ANATOMY LAB: PARADIGM SHIFT IN TEACHING AND LEARNING ANATOMY FOR TRAINING HEALTHCARE PROFESSIONALS**

Benninger, Brion.

*Medical Anatomy Center, Western University of Health Sciences, Lebanon, Oregon, United States.***O-071****INNOVATIVE VIDEO LARYGOSCOPE AND BRONCHOSCOPY SYSTEM WITH DISPOSABLE USER PIECES CAN BE UTILIZED TO TEACH AND MAINTAIN INTUBATION AIRWAY ANATOMY AND SKILL SETS**

Maloney, William; Benninger, Brion.

*Medical Anatomy Center, Western University of Health Sciences, Lebanon, Oregon, United States.***ORAL SESSION 8 -Locomotor System***26/06/2019 11:00, Room 1***O-072****RADIOLOGICAL ASSESSMENT OF THE CARPAL BONES MATURATION AND APPEARANCE OF THE OSSIFICATION CENTERS AMONG EGYPTIAN CHILDREN**Aziz, Joseph¹; Morgan, Michel².*¹Unitec Institute of Technology, Auckland, New Zealand; ²Cairo University, Cairo, Egypt.***O-073****ANATOMIC STUDY REGARDING THE DELTOID AND SPRING LIGAMENT BASED ON THE JOINT CAPSULE**Amaha, Kentaro¹; Nimura, Akimoto²; Akita, Keiichi³.*¹Department of Orthopedic Surgery, St Luke's International Hospital, Tokyo, Japan; ²Department of Functional Joint Anatomy, Graduate School of Medical and Dental Science, Tokyo Medical and Dental University, Tokyo, Japan; ³Department of Clinical Anatomy, Graduate School of Medical and Dental Science, Tokyo Medical and Dental University, Tokyo, Japan.*

O-074

ANATOMICAL RELATIONSHIP BETWEEN THE MORPHOLOGY OF THE STYLOID PROCESS OF THE ULNA AND RADIOULNAR LIGAMENT ATTACHMENT

Nimura, Akimoto; Tsutsumi, Masahiro; Muro, Satoru; Akita, Keiichi.

Tokyo Medical and Dental University, Tokyo, Japan.

O-075

ULTRASOUND-GUIDED SURGERY FOR THE PROXIMAL TARSAL TUNNEL SYNDROME: A NOVEL ULTRA-MINIMALLY INVASIVE APPROACH

Fernández Gibello, Alejandro¹; Moroni, Simone¹; Camuñas Nieves, Gabriel¹; Montes Salas, Rubén¹; Zwierzina, Marit²; Tasch, Christoph²; Starke, Vasco²; Sañudo, José³; Vázquez, Teresa³; Korschake, Marko².

¹*Clínica Vitruvio, Madrid, Spain;* ²*University of Innsbruck, Innsbruck, Austria;* ³*Universidad Complutense de Madrid, Madrid, Spain.*

O-076

DOES THE REVERSE SHOULDER ARTHROPLASTY PROVOKE ARM LENGTHENING AND SUBSEQUENTLY OF THE BRACHIAL PLEXUS?

Serrano Mateo, Laura¹; Sañudo Tejero, José Ramón²; Marco, Fernando¹.

¹*Trauma and Orthopaedic Surgery Department, Hospital Clínico San Carlos, Madrid, Spain;*

²*Anatomy and Embriology Departament, Medicine Faculty, Complutense University, Madrid, Spain.*

O-077

VENOUS SYSTEM OF THE DIGITS AND THE HAND: AN ANATOMICAL STUDY AND SURGICAL APPLICATIONS

Lhuire, Martin¹; Wavreille, Guillaume²; Hivelin, Mikael¹; Aumar, Aurélien²; Hunsinger, Vincent¹; Derder, Mohamed¹; Abrahams, Peter³; Lantieri, Laurent¹; Fontaine, Christian⁴.

¹*Department of Plastic, Reconstructive and Aesthetic Surgery, Hôpital Européen Georges Pompidou, Assistance Publique des Hôpitaux de Paris, Université Paris Descartes, Paris, France;* ²*SOS Hands and Fingers, Clinique Lille Sud, Lesquin, France;* ³*Institute of Clinical Education, Warwick Medical School, University of Warwick, Coventry, United Kingdom;* ⁴*Institute of Anatomy and Organogenesis, Faculté de Médecine Henri Warembourg, Université de Lille, Lille, France.*

O-078

MORPHOLOGICAL ANALYSIS OF THE HIP CAPSULAR ATTACHMENT ON THE ANTEROSUPERIOR ACETABULAR MARGIN

Tsutsumi, Masahiro¹; Nimura, Akimoto²; Honda, Eisaburo³; Utsunomiya, Hajime³; Uchida, Soshi³; Akita, Keiichi¹.

¹*Department of Clinical Anatomy, Tokyo Medical and Dental University, Tokyo, Japan;*

²*Department of Functional Joint Anatomy, Tokyo Medical and Dental University, Tokyo, Japan;* ³*Department of Orthopaedic Surgery and Sports Medicine, Wakamatsu Hospital of University of Occupational and Environmental Health, Kitakyushu, Japan.*

O-079**QUANTITATIVE 3D ANATOMY OF MEDIAL COLUMN SEPTAE IN THE PLANTAR FOOT**

Bruechert, Georga K.¹; Thorpe Lowis, Casper G.¹; Edwards, William H.b.²; Fogg, Quentin A.¹.

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O-080**SPATIAL ANATOMY OF THE PROXIMAL ATTACHMENTS OF THE THENAR MUSCULATURE**

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O-081**DEFINING AN EFFECTIVE ZONE OF INJECTIONS IN PIRIFORMIS WITH REFERENCE TO STANDARD AND RELIABLE ANATOMICAL LANDMARKS**

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O-082**DELTOPECTOTAL ACROMIO-CORONAL TECHNIQUE (DPAC): DESIGNING AN ANATOMICALLY ACCURATE, REPRODUCIBLE HUMERAL INTRAOSSEOUS CANNULATION REPLACING DIFFICULT IV ACCESS**

Benninger, Brion; Mang, Jonathon; Chang, Wilson.

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O-083**MORPHOLOGICAL ANALYSIS OF THE SUPRAPATELLAR FAT PAD**

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P-001

ARTERIOVENOUS COMMUNICATION BETWEEN LEFT TESTICULAR VEIN WITH ACCESSORY RENAL ARTERY: A CASE REPORT

Sko Sangma, Sarah; Rani, Neerja; J P, Jessy; Sehgal, Ritu; Kaler, Saroj.
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P-002

ECTOPIC PELVIC KIDNEY AND ITS RENAL ARTERY FROM THE COMMON ILIAC ARTERY: A CASE REPORT

Lafci Fahrioğlu, Sevda; Muhtaroğlu, Musa; Önderoğlu, Selda; İlg, Sezgin.
Near East University, Nicosia, Cyprus.

P-003

VARIANT ORIGIN OF INFERIOR PHRENIC ARTERIES AND THEIR CLINICAL SIGNIFICANCE

J P, Jessy; Sangma, Sarah; Singh, Seema; Verma, Neelam; Rani, Neerja.
All India Institute of Medical Sciences, Delhi, India.

P-004

NEW METHOD OF MICROSURGICAL ANTI-REFLUX CHOLEDOCHOJEJUNOANASTOMOSIS IN EXPERIMENT

Tretiakov, Anatoly; Kagan, Ilya; Liashchenko, Sergei; Kuznetsov, Igor.
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P-006

LEFT INFERIOR VENA CAVA: CASE REPORT AND REVIEW OF THE LITERATURE

Elvira, Jordi; Barbería, Eneko; Soler, Ana; Rodríguez, Pablo; Jové, Montserrat; Valderrama-Canales, Fran J.
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P-007

SONOGRAPHIC ASSESSMENT OF PROSTATE SIZES IN ADULT MALES IN IMO STATE NIGERIA

Ogbonnaya, Chidozie; Agbai, Johnson.
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P-008

INFLUENCE OF GENDER AND AGE ON AVERAGE DIMENSIONS OF ARTERIES FORMING THE CIRCLE OF WILLIS

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P-009**ANATOMICAL CHARACTERISTICS IN POSTERIOR CEREBRAL ARTERY AND POSTERIOR COMMUNICATING ARTERY**

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P-010**ANEURYSM OF EXTERNAL ILIAC ARTERY IN FEMALE PATIENT WITH HIP JOINT PAIN**

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P-012**SITUS INVERSUS TOTALIS AND ITS CLINICAL SIGNIFICANCE**

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P-013**REPLACED RIGHT HEPATIC ARTERY ARISING FROM ABDOMINAL AORTA. A CASE REPORT**

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P-014**BRANCHES OF THE BASILAR ARTERY EXAMINED WITH CT ANGIOGRAPHY**

Dodevski, Ace¹; Papazova, Marija¹; Zhivadinovik, Julija¹; Zafirova, Biljana¹; Chadikovska, Elizabeta¹; Trpkovska, Biljana¹; Bojadzieva, Biljana¹; Lazareska, Menka²; Aliji, Vjolca²; Kostov, Milenko³.

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P-015

DETAILED QUANTITATIVE ANALYSIS OF THE DIAMETER OF THE DEEP FEMORAL ARTERY – ANATOMICAL STUDY

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P-016

CINEMATIC RENDERING - DEVELOPMENT AND APPLICATION OF AN INNOVATIVE IMAGE VISUALIZATION TECHNOLOGY FOR THE USE OF VOLUMETRIC DATA IN ANATOMICAL EDUCATION

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P-017

PREVALENCE OF THE TYPE OF FUSION IN HORSESHOE KIDNEY: A RETROSPECTIVE STUDY ON COMPUTED TOMOGRAPHY SCANNING IN GREEKS

Natsis, Konstantinos¹; Piagkou, Maria²; Kosmidou, Melpomeni³; Panagiotidou, Despina³; Tsitouridis, Ioannis⁵.

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P-018

INCIDENCE OF PERSISTENT LEFT SUPERIOR VENA CAVA IN NORMAL POPULATION DETECTED USING COMPUTED TOMOGRAPHY ANGIOGRAPHY

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P-019**NEPHRON ENDOWMENT ASSESSMENT IN PRE-TRANSPLANTATION KIDNEYS USING A DIGITAL HISTOMORPHOMETRIC APPROACH**

Canciani, Elena¹; Giussani, Antenore²; Pellegrini, Gaia¹; Catelli, Camilla³; Dellavia, Claudia¹; Fusco, Nicola⁴; Ferrero, Stefano⁴; Pallotti, Francesco⁵; Bosari, Silvano⁵; Ardissino, Gianluigi⁶.
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P-020**DEPENDENCE OF LINEAR DIMENSIONS OF LIVER ON ANATOMICAL VERSION OF HEPAR POSITION IN THE ABDOMINAL CAVITY BASED ON DATA OF SPIRAL COMPUTED TOMOGRAPHY**

Chaplygina, Elena; Kaplunova, Olga; Gubar, Alexandr.
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P-021**NOVEL CONTRAST AGENT REVEALS DETAILED HUMAN VASCULAR ANATOMY WITH HOSPITAL CT SCANNER**

Benninger, Brion; Hay, Madeline; Smyth, Ciaran; Echols, Scott.
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P-023**GENDER ASPECTS OF THE ANATOMICAL AND SURGICAL MAPPING OF THE PARATHYROIDS AND IMPLICATIONS FOR THYROID SURGERY**

Burger, Florian; Konschake, Marko.
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P-024**BONE BRIDGES IN THE COURSE OF MIDDLE MENINGEAL ARTERY: POTENTIAL FOR CLINICAL APPLICATION**

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P-025**CEPHALOMETRY TO DETERMINE THE HEAD INDEX FOR CHILDREN YOUNGER THAN 6 YEARS OF AGE IN KINDERGARTENS AT THE MINISTRY OF HIGHER EDUCATION IN KABUL**

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P-026

ANATOMICAL LOCATION OF THE VERTEBRO-BASILAR JUNCTION: MRI MORPHOMETRICS FOR PLANNING NEUROENDOSCOPIC TRANSSPHENOIDAL TRANSCIVIAL APPROACHES TO THE PREPONTINE CISTERN

Yedavalli, Vivek; Khalaf, Alexander; Jain, Mika; Massoud, Tarik.

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P-027

THE ANTEROLATERAL LIGAMENT OF KOREAN KNEE: ANATOMICAL STUDY

Nam, Yong-Seok; Kwak, Dai-Soon; Cho, Ho-Jung; Kim, Yi-Suk; Kim, In-Beom.

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P-028

STANDARDIZATION OF HUMAN CADAVERIC STERNUM FOR BIOMECHANICAL STUDIES OF STERNUM CLOSURE IN CARDIAC SURGERY

Selthofer, Robert¹; Lekšan, Igor¹; Šumanovac, Antun¹; Dulić, Grgur¹; Grgić, Anđela²; Selthofer-Relatić, Kristina¹; Milanović, Kristina¹; Kokot, Antonio¹; Nikolić, Vasilije¹.

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P-029

VASCULAR VARIATIONS RESPONSIBLE FOR INSUFFICIENT LE FORT I OPERATION

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P-030

A RARE CASE OF AN ABERRANT RIGHT SUBCLAVIAN ARTERY, ATYPICAL THYROID GLAND VASCULATURE AND A RIGHT NON-RECURRENT LARYNGEAL NERVE.

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P-031

THE INTERNAL ORIFICE OF THE EUSTACHIAN TUBE AS REFERENCE OF THE PARAPHARYNGEAL CAROTID ARTERY IN ENDOSCOPIC SKULL BASE SURGERY: A ANATOMIC STUDY

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P-032**ANATOMICAL STUDY OF DEEP TEMPORAL FASCIA WITH REGARD TO REDUCTION OF ZYGOMATIC ARCH FRACTURE**

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P-033**COMPARATIVE VASCULAR ANATOMY OF THE CANINE PROSTATE: ANGIOGRAPHIC ANALYSIS**

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P-034**BOTULINUM TOXIN INJECTION-SITE SELECTION FOR A SMOOTH SHOULDER LINE: AN ANATOMICAL STUDY**

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P-035**ANATOMICAL SURGICAL SKILLS OF THE MIDDLE CRANIAL FOSSA: NEUROANATOMY LABORATORY**

Mondragón-Tirado, Carlos Andrés; Sosa-Cabezas, Juan Pablo; García-López, Virginio; López-Sánchez, Carmen; Porras-Estrada, Luis Fernando; Garcia-Martinez, Virginio.

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P-036**THE IMPORTANCE OF BIOPSY METHODS: FNAC AND BIOPSY "EX-TEMPORE" FOR THE DIAGNOSIS OF BREAST CANCER**

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P-037**ANATOMICAL VARIATIONS OF THE SUPERFICIAL ULNAR ARTERY**

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P-038

OS ACROMIALE MISINTERPRETED AS A FRACTURE FOLLOWING ARTHROSCOPIC ACROMIOPLASTY. A CASE REPORT

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P-039

ANATOMICAL STUDY OF THE IMPORTANCE OF THE RIGHT SUPERIOR COLIC VEIN IN THE RIGHT LAPAROSCOPIC HEMICOLECTOMY

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P-040

ANATOMOSURGICAL STUDY OF SUPRALEVATOR ABSCESES: SIMULATION IN CADAVERS

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P-041

USING INTRA- AND EXTRA-ORAL LANDMARKS D2 TO DETERMINE LIP'S WIDTH

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P-042**ANATOMICAL STUDY OF THE VASCULAR ARCADES OF THE SPLENIC FLEXURE OF THE COLON: POSSIBLE SURGICAL IMPLICATIONS DURING LAPAROSCOPIC MEDIAL APPROACH**

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P-043**THE RENAL ARTERY STRUCTURE. VARIATIONS ALONG ITS LENGTH**

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P-044**ANATOMIC DISSECTION OF THE SUPERFICIAL PLANES OF THE HAND ON A HUMAN CADAVER- REVIEW OF THE BIFURCATION POINT OF THE COMMON DIGITAL ARTERIES AND NERVES**

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P-045**BILATERAL GIANT OPHTHALMIC CAROTID ARTERY ANEURYSMS PRESENTING AS UNILATERAL DIPLOPIA: A CASE REPORT**

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P-046**THREE PULL TRIGGER TECHNIQUE USING INNOVATIVE THORACOSTOMY CHEST TUBE INTRODUCER MAY SURPASS CONVENTIONAL TECHNIQUES**

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P-047**A RETROAORTIC AND DESCENDING LEFT RENAL VEIN: AN ANATOMICAL VARIATION THAT REFLECTS THE COMPLEXITY OF VENOUS SYSTEM DEVELOPMENT**

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P-048

CASE REPORT: INTESTINAL OBSTRUCTION DUE TO INCARCERATED MECKEL'S DIVERTICULUM (LITTRÉ'S HERNIA)

Hernandez Fernandez, Lorenzo Mauricio; Díaz Pedrero, Raul; Slocker De Arce, Ana María; Aguado Henche, Soledad.

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P-049

REPAIR OF INCISIONAL HERNIA (EVENTRATION) WITH PROSTHESIS. COMPARISON OF RESULTS IN RELATION TO THE LOCATION OF THE MESH IN DIFFERENT ANATOMICAL COMPARTMENTS

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P-050

VARIABILITY OF VERUCAE HIPPOCAMPI IN THE HUMAN GYRUS PARAHIPPOCAMPALIS

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P-051

BRAIN CHANGES AND COGNITIVE DEFICIT IN NAFLD SUFFERING PATIENTS

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P-052

QUALITATIVE ANALYSIS OF THE NEURONS AND GLIAL CELLS OF THE HUMAN PRINCIPAL OLIVE NUCLEUS

Radošević, Dragana; Marić, Dušica; Milošević, Neboša; Rajković, Nemanja; Krstonošić, Bojana; Vučinić, Nikola.

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P-053

BRANCHES OF THE ANTERIOR COMMUNICATING ARTERY

Papazova, Marija; Zhivadnovik, Julija; Dodevski, Ace; Matveeva, Niki; Zafirova, Biljana; Chadikovska, Elizabeta; Trpkovska, Biljana; Bojadzieva, Biljana.

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P-054**EVALUATION OF BRAIN CHANGES PRODUCED BY A PROGRAM OF EDUCATION IN PAIN AND PHYSICAL EXERCISE IN PATIENTS WITH CHRONIC PAIN. RESEARCH PROJECT.**

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P-055**UNILATERAL AND BILATERAL APLASIA OF THE ANTERIOR CEREBRAL ARTERY**

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P-057**MAGNUM VERTEBRAE BY SACRAL VERTEBRAE: BEST TERMINOLOGICAL BASIS FOR THE TEACHING OF GROSS ANATOMY**

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P-058**COLLABORATIVE MENTORING FOR EFFECTIVE UNDERGRADUATE MEDICAL RESEARCH GROUPS (GIA: ANATOMY RESEARCH GROUP)**

Quiroga Garza, Alejandro; Zarate Garza, Pablo Patricio; Jacobo Baca, Guillermo; Fernández Rodarte, Bernardo Alfonso; Martínez Garza, Javier Humberto; De La Fuente Villarreal, David; Elizondo Omaña, Rodrigo Enrique; Gúzman López, Santos.
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P-060**THE INFLUENCE OF DESIRED FUTURE MEDICAL SPECIALITY ON ANATOMICAL KNOWLEDGE AND ITS RETENTION**

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P-062**GROSS ANATOMY OF ENDOCRANIUM AND ENCEPHALON: THE BASE OF SKULL AND CRANIAL NERVES**

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P-063

GROSS ANATOMY OF ENDOCRANIUM AND ENCEPHALON: MAIN SULCI AND GYRI, VASCULATURE AND VENTRICULAR SYSTEM.

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P-064

GROSS ANATOMY OF ENDOCRANIUM AND ENCEPHALON: REMOVAL OF THE SKULL CAP AND BRAIN EXTRACTION

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P-065

THE DURATION TO FAILURE OF PHYSICAL WORK AND ITS PHYSIOLOGICAL COST IN SUBJECTS WITH DIFFERENT ORIENTATION OF CHANGE IN PULMONARY VENTILATION AFTER HYPOVENTILATION TRAINING

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P-066

ANXIETY OF THE STUDENTS OF OCCUPATIONAL THERAPY AND MEDICINE IN FRONT OF THE DISSECTION ROOM

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P-067

MATERNAL CARE BRINGS IN NO DIFFERENT BETWEEN ANTHROPOMETRIC MEASUREMENTS IN NEWBORN IN RURAL-URBAN -ALBANIA 2010-2013

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P-068**ANATOM-UVA: A VIRTUAL ENVIRONMENT FOR THE LEARNING OF ANATOMY**

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P-069**DOUBLE STAINING WHOLE MOUNT TRANSPARENT SPECIMENS OF THE HUMAN LARYNX FOR THE CLINICAL ANATOMY AND MEDICAL EDUCATION**

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P-070**THE ANATOMY IN THE TFG (END-OF-DEGREE PROJECT) OF NUTRITION**

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P-071**MNEMONICS, TO USE, OR NOT TO USE, THAT IS THE QUESTION**

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P-072**ABANDONED, REJECTED, FORGOTTEN, TRUE AND FALSE QUESTIONS - REJUVENATED IN NEW FORMAT**

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P-073**TAKE AND PLAY, NEW ASPECTS IN TAXONOMY OF ANATOMICAL GAMES**

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P-074**THE OFFICIAL HISTOLOGICAL NOMENCLATURE: SOME PERSONAL NOTES ABOUT MISSING IMPORTANT TERMS AND „CONTROVERSIAL“ TERMS INCLUDED IN THE TERMINOLOGIA HISTOLOGICA**

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P-075

REAL ANATOMICAL MODELS FOR IMPROVING SURGICAL SKILLS IN TRAUMA LIFE SUPPORT

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P-076

USEFULNESS OF ADDITIONAL VIRTUAL DISSECTION TO TEACH ANATOMY IN A UNIVERSITY SETTING. A PILOT STUDY

Boscolo-Berto, Rafael; Tortorella, Cinzia; Porzionato, Andrea; Stecco, Carla; Rambaldo, Anna; Macchi, Veronica.

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P-077

DISRUPTIVE INNOVATION: CONVERTING A SIMPLE INEXPENSIVE HOME SECURITY SYSTEM INTO A USEFUL DISTANCE LEARNING TOOL BETWEEN CONTINENTS

Benninger, Brion; Rivas-Vasquez, Luis; Estrada, Ruben.

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P-078

POSITIONAL RELATIONS OF THE HYPOGLOSSAL AND SUPERIOR LARYNGEAL NERVES WITH THE SUPERIOR THYROID, LINGUAL, FACIAL AND OCCIPITAL ARTERIES

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P-079

THE MORPHOMETRIC STUDY OF THE CILIARY GANGLION AND ITS RELATED CLINICAL APPLICATION

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P-080

CHARACTERISTICS OF AESTHETICALLY MOST IMPORTANT PARTS OF THE FEMALE FACE: WHAT DO WE FIND ATTRACTIVE?

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P-081

ANATOMICAL VARIATIONS OF THE HUMAN MENTAL FORAMEN USING DIGITAL PANORAMIC RADIOGRAPHY

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P-082**ANATOMICAL SUBSTRACT OF THE MASSETER MUSCLE MYOFASCIAL TRIGGER POINTS IN FRESH CADAVER**

Akamatsu, Flávia Emi; Pinheiro, Roberto Procópio; Itezerote, Ana Maria; Saleh, Samir Omar; Hojaij, Flávio; Andrade, Mauro; Jacomo, Alfredo Luiz.

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P-083**NEUROIMAGING ANATOMY AND ABNORMALITIES OF THE CRANIAL EMISSARY VEINS: A PICTORIAL AND EDUCATIONAL REVIEW**

Yedavalli, Vivek; Creeden, Sean; Khalaf, Alexander; Massoud, Tarik.

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P-084**FLOW LIMITING ANATOMICAL VARIANTS OF THE INTERNAL JUGULAR VEINS: AN IMAGING REVIEW INCLUDING INTRALUMINAL AND EXTRINSIC OBSTRUCTIVE ABNORMALITIES**

Yedavalli, Vivek; Khalaf, Alexander; Massoud, Tarik.

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P-085**ORIGIN OF THE SUPERIOR THYROID ARTERY IN RELATION TO THE COMMON CAROTID ARTERY BIFURCATION**

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P-086**ANATOMICAL CONSIDERATIONS OF THE MENTAL NERVE HOLE FOR ORAL SURGERY IN PERUVIAN ADULTS**

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P-087**STUDY OF THE OCCASIONAL NECK VENOUS DRAINAGE VARIATIONS**

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P-088

THE ANATOMICAL CONSIDERATIONS OF THE COMPENSATORY HYPERTROPHY OF THE UPPER HALF OF THE MASSETER AFTER BONT-A INJECTION

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P-089

PREVALENCE AND FEATURE OF BIFID MANDIBULAR CANALS IN A EUROPEAN POPULATION: A CBCT STUDY

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P-090

EVALUATION OF DYNAMIC FACIAL PARAMETERS DURING SMILING: A PILOT STUDY

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P-091

CLINICAL IMPLICATIONS OF THE TOPOGRAPHIC DIMENSION OF THE PAROTID GLAND

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P-092

ANATOMICAL CONTINUATION BETWEEN THE SUBSMAS FAT (INNOMINATE FASCIA) AND ROOF: THE TRUE NATURE OF THE ROOF (RETRO-ORBICULARIS OCULI FAT)

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P-093**COMPARISON BETWEEN CONVENTIONAL BLIND INJECTION AND ULTRASOUND-GUIDED INJECTION TECHNIQUE OF BOTULINUM TOXIN ON MASSETER: CLINICAL TRIAL**

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P-095**ANTHROPOMETRIC CHANGES AFTER THYROIDECTOMY IN PATIENTS WITH NECK ORGANS COMPRESSION SYNDROME ACCORDING TO MRI IN EARLY POSTOPERATIVE PERIOD**

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P-096**COMPARISON OF POSTNATAL DEVELOPMENT OF DIFFERENT PARTS OF THE OCCIPITAL BONE**

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P-097**POSTNATAL DEVELOPMENT OF THE PARIETAL BONE**

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P-098**POSTNATAL DEVELOPMENT OF THE FRONTAL BONE**

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P-099**VARIABILITY OF SUTURAL AND FONTANELLAR BONES IN GREEK ADULT SKULLS**

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P-100**IS THE LEVEL AND BODY SIDE DEPEND ON DEVELOPMENT AT BIFIDITY AT SPINOUS PROCESSES IN CERVICAL SPINE?**

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P-101

MORPHOGENESIS OF RETROPHARYNGEAL SPACE

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P-102

ENDOSCOPIC ENDOVASCULAR VISUALISATION: A NEW METHOD FOR ANATOMICAL EXPLORATION OF THE CAVERNOUS SINUS AND DORELLO'S CANAL

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P-103

SPATIAL DISTRIBUTION OF THE PALATOPHARYNGEUS IN CONSIDERATION OF THE ROLE OF THE SWALLOWING

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P-104

CLINICAL ANATOMY OF THE STELLATE GANGLION IN MENOPAUSAL SYMPTOMS TREATMENT

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P-105**REGIONAL THICKNESS OF FACIAL SKIN AND SUPERFICIAL FAT: APPLICATION TO THE MINIMALLY INVASIVE PROCEDURES**

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P-106**INTERVENTION IN DYSPHAGIA BASED ON ANATOMICAL KNOWLEDGE**

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P-107**THE MORPHOLOGICAL STUDY OF THE FORMATION OF TISSUES OF THE PERI-IMPLANT ZONE AT NEW METHOD OF VESTIBULOPLASTY**

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P-109**VARIABILITY OF FORAMEN MASTOIDEUM AND ITS CLINICAL RELEVANCE**

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P-110**SUBSURFACE MICROVESSELS IN GINGIVA OF PATIENTS WITH DIFFERENT BIOTYPES**

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P-112

ANATOMICAL STUDY OF DISTRIBUTION OF ARTERIAL AND NERVE OF THE SUBSCAPULARIS MUSCLE USING SIHLER'S STAINING TECHNIQUE

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P-113

ANATOMIC POSITION OF THE PTERION ON EITHER SURFACE

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P-114

NORMAL AND VARIANT ANATOMY OF VERTEBROBASILAR SYSTEM AND ITS CLINICAL SIGNIFICANCE IN UTTAR PRADESH REGION: A CT ANGIOGRAPHIC STUDY

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P-115

MORPHOLOGICAL EVALUATION OF MARGINAL TUBERCLE OF ZYGOMATIC BONE WITH BONY LANDMARKS OF LATERAL ORBITAL REGION

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P-116

MICROSURGICAL AND ENDOSCOPIC ANATOMY OF THE PROXIMAL PART OF THE INFERIOR PETROSAL SINUS

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P-117

STEREOLOGICAL EVALUATION OF THE TRANSVERS FORAMEN AND VERTEBRAL FORAMEN IN ATLAS

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P-118

СТРУКТУРНАЯ ОРГАНИЗАЦИЯ ПРОВОДЯЩЕЙ СИСТЕМЫ СЕРДЦА ЧЕЛОВЕЧЕСКОГО ФЕТУСА
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P-119**MORPHOLOGY OF THE VASA NERVORUM OF THE PORCINE HEART**

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P-120**LEFT ORIGIN OF THE RIGHT CORONARY ARTERY: A RARE CASE IN CARDIAC ANATOMY**

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P-121**ANATOMY OF THE CORONARY SINUS OSTIUM**

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P-122**DIRECT EMERGENCY OF THE CONUS ARTERY FROM AN INDEPENDENT OSTIUM. OBSERVATIONS BASED ON A SPANISH SAMPLE**

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P-123**ANATOMICAL VARIANTS OF THE DISTRIBUTION OF SUBEPICARDIAL FAT TISSUE AND ITS RELATIONSHIP WITH LYMPHATIC CAPILLARIES IN HUMAN HEART**

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P-124

PROTECTIVE EFFECT OF CIPROXIFAN ON HEART TISSUE IN RAT CEREBRAL ISCHEMIA-REPERFUSION MODEL

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P-125

ANATOMICAL DIFFERENCES IN THE ORGANIZATION OF INTERTRABECULAR SPACES OF VENTRICLES OF THE HUMAN HEART

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P-126

MORPHOMETRIC DATA OF THE SUPERIOR PERONEAL RETINACULUM FOR SURGICAL REPAIR AND RECONSTRUCTION

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P-127

MORPHOMETRIC VARIABILITY OF PROXIMAL ULNA IN THE SAMPLE OF SERBIAN POPULATION

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P-128

PREVALENCE AND SIGNIFICANCE OF LINBURG-COMSTOCK VARIATION IN GENERAL POPULATION

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P-129

RELATIONSHIP BETWEEN THE PIRIFORMIS MUSCLE AND SCIATIC NERVE: A MORPHOMETRIC ANALYSIS OF ANATOMICAL VARIATION IN A SOUTH AFRICAN CADAVER COHORT

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P-130**EVALUATION OF THE SCIATIC NERVE LOCATION REGARDING ITS RELATIONSHIP TO THE PIRIFORMIS MUSCLE: A CADAVERIC STUDY**

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P-131**GUIDELINE FOR BOTULINUM TOXIN INJECTIONS IN THE EFFECTIVE TREATMENT OF PERONEAL SPASTICITY**

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P-132**FLAT FEET: A SURVEY AMONG STUDENTS OF DIFFERENT NATIONALITIES**

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P-133**THE COMPARISON OF THE FREQUENCY OF THE ANATOMICAL FORMS OF THE TALUS IN MODERN POPULATIONS**

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P-134**ANATOMIC POSTURAL EVALUATION OF THE TURKISH CYPRIOT WOMEN WITH BETA THALASEMIA MAJOR LIVING IN CYPRUS**

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P-135**CAPSULAR MORPHOLOGY OF THE POSTERIOR ROTATOR INTERVAL: A NOVEL ANATOMICAL STUDY**

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P-136

MEDIAL MENISCUS, TEAR AND REPAIR: THE RELEVANT OF PROPER ANATOMY IN DIAGNOSIS AND TREATMENT

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P-137

OSSEOUS EPIGENETIC VARIATIONS OF THE UPPER LIMB IN A CASTILLIAN POPULATION (SPAIN)

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P-138

DIFFERENCES IN THE FOOTPRINT AND BIOMECHANICS OF CONTROL FOOT AND FOOT OF PATIENTS WITH OBESITY AND PSYCHIATRIC DISORDERS

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P-139

EVALUATION OF THE DELTO-FULCRAL TRIANGLE MODEL IN THE ARAB POPULATION OF DUBAI

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P-140

ARM SWING CYCLE KINEMATICS AND ITS INTERPLAY WITH THE GAIT CYCLE DURING WALKING

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P-141

ANATOMICAL STUDY OF THE PALMAR CARPAL LIGAMENT FOCUSED ON THE LAYERS OF THE ANTEBRACHIAL FASCIA

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P-142

COMPARISON OF SEPTAL ANATOMY STUDIES THROUGHOUT THE BODY; APPLICATION FOR COMPARTMENTS OF THE FOOT

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P-143**THE ATTACHMENTS OF THE ADDUCTOR HALLUCIS HEADS ONTO THE LATERAL SESAMOID**

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P-144**THE ATTACHMENTS OF THE DEEP TRANSVERSE METATARSAL LIGAMENT ONTO THE LATERAL SESAMOID.**

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P-145**METHOD OF THE MARKING OF FINGER'S INTERSEGMENTS FLEXION FOLDS**

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P-146**DE MENA, A NEW SYSTEM STABILIZED TO MEASURE THE FUNCTIONALITY OF THE HAND BY MEANS OF FORCE CAPTORS: DESIGN AND VALIDATION**

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P-147**IDIOPATHIC ROTATIONAL DEFORMITIES OF LOWER EXTREMITIES: ASSESSMENT, BIOMECHANICS AND SURGICAL TREATMENT**

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P-148**MORPHOMETRIC AND IMMUNOHISTOCHEMICAL STUDY OF MUSCLE AGING**

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P-149**BIOMECHANICAL ANALYSIS OF WALK IN HEALTHY INDIVIDUALS AND INDIVIDUALS AFFECTED BY THE LOWER BACK PAIN SYNDROME - A PRELIMINARY STUDY**

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P-150

CORRELATION OF THE SUBCHONDRAL MINERALIZATION DISTRIBUTION IN THE PROXIMAL AND DISTAL FINGER JOINTS WITH CT OSTEOABSORPTIOMETRY WITHIN TWO HEALTHY AND ILL POPULATIONS

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P-151

STUDY OF THE PROFUNDA FEMORAL ARTERY'S BRIDGING VEINS

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P-152

OA-IFP STEM CELLS CONTRIBUTE TO HISTOPATHOLOGICAL FEATURES OF OSTEOARTHRITIC JOINTS: AN IN VITRO STUDY

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P-153

INTRA- AND INTER-RATER RELIABILITY OF ULTRASOUND MEASUREMENTS OF ABDOMINAL MUSCLE AND FASCIAE THICKNESS

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P-154

SENSIBILITY OF THE FASCIAE TO SEX HORMONE LEVELS

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P-155

THE CRURAL INTEROSSEOUS MEMBRANE RE-VISITED: A HISTOLOGICAL AND MICROSCOPIC STUDY

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P-156**HISTORY OF MUSEUMS IN HUMAN ANATOMY AND HISTOLOGY AND EMBRYOLOGY DEPARTMENTS OF NATIONAL MEDICAL UNIVERSITY**

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P-157**ANTHROPOLOGICAL LANDMARKS AND ANTHROPOMETRIC CHARACTERISTICS OF HUMAN SKULLS**

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P-158**DIGITAL INDEX IN WOMEN WITH BREAST CANCER**

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P-159**SKELETAL CONGENITAL ABNORMALITIES INDUCED BY NICKEL CHLORIDE HEXAHYDRATE ON BALB/C ALBINO MICE EMBRYOS DURING ORGANOGENETIC PERIOD**

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P-160**ROLE OF PHYSIQUE FACTORS IN THE DIVERSITY OF THE DIMENSIONS OF INTERNAL ORGANS IN TEENAGERS**

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P-161**TRICEPS BRACHII MUSCLE INSERTION SPACE FOUND IN ANATOMICAL DISSECTION, PLASTINATION AND MAGNETIC RESONANCE IMAGE**

Akamatsu, Flávia Emi; Negrão, José Renato; Rodrigues, Marcelo Bordalo; Itezerote, Ana Maria; Saleh, Samir Omar; Hojaij, Flávio; Andrade, Mauro; Giacomo, Alfredo Luiz.

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P-162

TERTAGENIC EFFECT OF NICKEL CHLORIDE HEXAHYDRATE ON EMBRYOS OF ALBINO MICE

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P-163

MOLECULAR AND CELLULAR EVALUATION OF RHODINOL-BASED INCENSE TESTICULAR TOXICITY: EVIDENCE FOR OXIDATIVE STRESS AS A MECHANISM PATHWAY

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P-164

HEALING EFFICACY OF N-ACETYL-6-AMINOHEXANOIC ACID COMPOUNDS LOCAL APPLICATION IN LINEAR AND PLANAR SKIN WOUNDS

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P-165

OVERWEIGHT AND OBESITY RATIOS IN THE ANTHROPOLOGICAL STUDY OF CZECH BREASTFED CHILDREN

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P-166

SEX AND AGE DIFFERENCES OF THE SOMATOTYPE IN MACEDONIAN ADOLESCENT POPULATION

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P-167

ANTHROPOMETRICAL INDEXES AS NUTRITIONAL INDICATORS IN CHILDREN

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P-168**QUALITATIVE EXAMINATION OF ANTHROPOMETRICAL PARAMETERS IN PRESCHOOL CHILDREN**

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P-169**TRANSFLUTHRIN INDUCE HEPATIC TOXICITY: GROSS ANATOMICAL PARAMETERS, HISTOPATHOLOGY AND OXIDATIVE STRESS EVALUATION**

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P-170**DIFFERENCES ON ANTHROPOMETRIC INDEXES IN PEOPLE WITH SEDENTARY LIFESTYLES AND RUNNING PEOPLE**

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P-171**MOVEMENT AND ANTHROPOMETRIC ANALYSIS IN THE YOUTH POPULATION**

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P-172**ANATOMICAL VARIATIONS OF THE VERTEBROBASILAR SYSTEM IN AN AMPHITHEATER OF A COLOMBIAN UNIVERSITY**

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P-173**ANGIOGENESIS AND INFLAMMATION IN THE SKIN OF PATIENTS WITH DIABETIC NEUROPATHY**

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P-174

INTERFASCICULAR SEPTUM OF THE CALCANEAL TUNNEL AND ITS RELATIONSHIP WITH THE PLANTAR NERVES: A CADAVERIC STUDY

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P-175

ANATOMICAL VARIATIONS OF THE SACROILIAC JOINT BY COMPUTED TOMOGRAPHY

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P-177

ANATOMICAL AND THREE-DIMENSIONAL STUDY OF LUMEN OF THE SEMINAL VESICLE.

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P-178

PUBOPROSTATIC LIGAMENT AS AN IMPORTANT SUSPENSORY STRUCTURE IN THE RETROPUBIC SPACE

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P-179

EFFECTS OF CIPROXIFAN INDUCED BY CEREBRAL ISCHEMIA AND REPERFUSION INJURY IN TESTICULAR TISSUES OF RAT

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P-180

THE LESSER PELVIS ANATOMY IN HUMAN MALE FETUSES ON THE 16-22 WEEKS OF THE DEVELOPMENT

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P-181**INTRASPINAL THORACIC NERVE ROOT CONNECTIONS**

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P-182**ANATOMICAL VARIATIONS OF THE CILIARY GANGLION LOCATION**

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P-183**SUPPLEMENTARY FINDINGS REGARDING INNERVATION OF THE LATERAL RECTUS MUSCLE BASED ON SIHLER'S STAINING TECHNIQUE**

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P-184**LOCALIZATION OF THE MECHANOSENSITIVE ION CHANNEL PIEZO2 IN THE HUMAN GASTROINTESTINAL TRACT**

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P-185**BETTER NEUROANATOMY EDUCATION WITH SILICONE SECTION PLASTINATES**

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P-186**CERVICAL SPONDYLOTIC MYELOPATHY WITH OTHER PATHOLOGICAL FINDINGS: CASE REPORT AND LITERATURE REVIEW**

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P-187

MORPHOLOGICAL-FUNCTIONAL CHARACTERIZATION OF GELATINOUS SUBSTANCE OF SPINAL CORD

Mendoza Puente, Alejandro; Béjar Garza, Raquel; Meester, Irene; Treviño Alanís, María; Rivera Silva, Gerardo.

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P-188

APPLIED MRI ANATOMY AND MORPHOMETRY OF NORMAL LUMBAR SPINE VERTEBRAL FORAMINA FOR SAFE TRANSFORAMINAL LUMBAR PUNCTURE PROCEDURES

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P-189

ANATOMY OF THE HUMAN SPINAL CORD AT THE 20-22 WEEKS OF THE PRENATAL PERIOD OF THE ONTOGENESIS

Galiakbarova, Victoria; Shalikova, Lyudmila; Liashchenko, Diana.

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P-190

MORPHOLOGICAL STUDY OF THE BASIVERTEBRAL FORAMINA OF TRUE VERTEBRAE IN A GREEK POPULATION

Tzika, Maria¹; Paraskevas, George¹; Piagkou, Maria²; Natsis, Konstantinos¹.

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P-191

MECHANISM OF DIVERGENT EFFECTS BETWEEN MODERATE AND SEVER HYPOXIA ON THE BIOLOGICAL CHARACTERISTICS OF HUMAN BONE MARROW MESENCHYMAL STEM CELLS

Khasawneh, Ramada¹; Abu Alrub, Ejla²; Al Sharie, Ahmed³; Serhan, Abdullah³; Serhan, Bashir³; Abu Alrub, Hadeel³.

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P-192

TRANSMISSION AND SCANNING ELECTRON MICROSCOPIC EXAMINATION OF LIQUID SPECIMENS: TECHNIQUES AND EVALUATION METHODS

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P-193

GENETIC POLYMORPHISMS OF MATERNAL MTHFR GENE IN NEURAL TUBE DEFECTS

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P-194**IMMUNOHISTOCHEMICAL AND HISTOPATHOLOGICAL EVALUATION OF THE EFFECTS OF LIQUIDAMBAR ORIENTALIS EXTRACT ON CARCIOGEN APPLIED ORAL MUCOSA**

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P-195**ANATOMISTS AND BIOMEDICAL ENGINEERS ON THE SAME TASK: FABRICATION OF THE HUMAN BONE IMPLANTS BY THE METHOD OF ANATOMICAL FEATURES (MAF)**

Arsić, Stojanka¹; Trajanović, Miroslav²; Vitković, Nikola²; Stojković, Miloš²; Tufegdžić, Milica³; Mitković, Milorad⁴.

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P-196**THE EFFECT OF CO-ADMINISTRATION OF VITEX DONIANA AND SNIPER PESTICIDE ON THE LUNGS OF ADULT FEMALE WISTAR RATS**

Ekezie, Jervas¹; Ovie Ogbo, Felix²; Oketah Ifeoma, Louisa²; Eke Chiwuikem, Chisomaga³; Osuchukwu Ikechukwu, Williams⁴.

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P-197**ANATOMICAL VARIANTS OF THE AORTIC ARCH**

Tapia Náñez, Mariana¹; Landeros García, Germán Alfonso¹; Quiroga Garza, Alejandro¹; Pinales Razo, Ricardo²; Elizondo Riojas, Guillermo²; Fernández Rodarte, Bernardo¹; Elizondo Omaña, Rodrigo Enrique¹; Guzmán López, Santos¹.

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P-198**ACCESSORY RIGHT CRUS OF DIAPHRAGM: A RARE VARIATION**

J P, Jessy; Sangma, Sarah; Kaler, Saroj; Rani, Neerja.

All India Institute of Medical Sciences, Delhi, India.

P-199

THE EVALUATION OF THORACIC ANGLES WITH ANTHROPOMETRIC MEASUREMENT OF THE THORAX AND PULMONARY FUNCTIONS IN PATIENTS WITH MULTIPLE SCLEROSIS

Muhtaroglu, Musa¹; Lafci Fahrioglu, Sevda¹; Selcuk Muhtaroglu, Ferda²; Ilgi, Nedim Sezgin¹.
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P-200

INTRAVITAL CHANGES AFTER PNEUMONECTOMY AND DIFFERENT TYPES OF POSTPNEUMONECTOMY CAVITY PLASTY

Liashchenko, Sergei; Vasukov, Michail; Vasukov, Anatoly; Filippov, Maxim; Karasartov, Talgat.
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P-201

TRACHEAL DEVIATION IN GOITRE COMPLICATED WITH LATERAL CERVICAL ABSCESS

Haxhiraj, Adela; Poshi, Klodiana.
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- **Tuesday June 25:** from 08:30h to 17:30h
- **Wednesday June 26:** from 08:30h to 15:30h

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The Conference Dinner will be held at Pedro Larumbe Restaurant (Calle Serrano, 61, 28006 Madrid) on Tuesday 25th June 2019 at 20.30 PM.

Previous confirmation is required through the online registration form (subject to availability).

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A ticket will be delivered together with the congress badge and documentation. This ticket will be required at the entrance of the conference dinner.

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- ▶ Speakers are invited to upload their presentation at least 2 hours prior to the beginning of their session.
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