

XXVIII International Meeting on
Forensic Medicine Alpe-Adria-Pannonia
Homicide, Suicide or Accident?
and the associated
ECLM Educational Meeting
***Legal and Forensic Medicine: The Future of
Undergraduate Medical Teaching in Europe for
today's Doctor in Practice***



International Academy
of Legal Medicine



Società Italiana di Medicina
Legale e delle Assicurazioni



Gruppo Italiano di
Patologia Forense



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Udine, 7th-9th September 2023

Palazzo Toppo-Wassermann

Via Gemona 92, 33100 Udine UD

Thursday, 7th September 2023

09:30 – 10:30

*Lorenzo Desinan - **Welcome by the President of the Meeting***

Greetings from the Authorities

Claudia Danelon – Deputy Prosecutor, Court of Udine

The perspective of the Prosecutor

Morning Session

Chairpersons: Djordje Alempijevic, Paolo Fais, Duarte Nuno Vieira,

10:30 – 10:50

Evidence Based Medicine in Forensic Pathology

Carlo Scorretti

10:50 – 11:10

The role of radiology in the differential diagnosis of the manner of death

Silke Grabherr

11:10 Coffee break

11:30 – 11:50

Suicide and/or intoxication from a forensic-toxicological point of view

Thomas Keller

11:50 – 12:10

Infants and children's injuries with respect to manner of production

Eva Keller

12:10 – 12:30

The autopsy cases of the Medico Legal Institute of Udine

Lorenzo Desinan

12:30 – 13:00 Discussion

13:00 Lunch

Thursday, 7th September 2023 – Afternoon Session

Chairpersons: Rossana Cecchi, Denis Cusack



ECLM Educational Meeting

Legal and Forensic Medicine: The Future of Undergraduate Medical Teaching in Europe for today's Doctor in Practice

14:00 – 14:10

***The European Council of Legal Medicine
and Undergraduate Education in Forensic & Legal Medicine in Europe –
Perugia Document 1992 and since***

Denis Cusack

14:10 – 14:35

***ECLM Survey on Current Status of Undergraduate Education
in Forensic & Legal Medicine in ECLM Member States***

Jason Payne-James

Antti Sajantila

14:35 – 15:00

Legal and Forensic Medicine at undergraduate level: what should we teach?

Duarte Nuno Vieira

15:00 – 15:25

Undergraduate Teaching in Forensic Medicine: the Italian experience

Antonina Argo

15:25 – 15:30

Summary and Pathway for ECLM Action on Undergraduate Teaching

Denis Cusack

15:30 – 16:00

Speakers Panel, General Discussion and Synthesis

Delegates and Attendees

16:00 – 16:15

Summary Outcomes and Actions for ECLM

Bertrand Ludes

Antti Sajantila

Board Members - ECLM

16:15 – 17:30

Conclusion followed by 16th General Assembly of ECLM

18:30 Welcome Party

Friday, 8th September 2023 – Morning Session
Chairpersons: Dražen Cuculic, Paolo Fattorini, Silke Grabherr

09:30 – 09:50

Deaths due to sharp force injuries with respect to manner of death

Andrea Verzeletti

09:50 – 10:10

Firearm-related deaths with respect to manner of death

Markus Große Perdekamp

10:10 – 10:30

Asphyxia related deaths with respect to manner of death

Krzysztof Woźniak

10:30 – 11:00 Discussion

11:00 Coffee break and poster session 1

11:20 – 13:00 Oral communications

11:20 – 11:30

Homicide or suicide? A probabilistic approach for the evaluation of the manner of death in a series of sharp force fatalities

Marco Irmici, Michele D'Aleo, Arianna Giorgetti, Filippo Pirani, Guido Pelletti, Paolo Fais, Susi Pelotti

Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy

11:30 – 11:40

Aorta injuries in road traffic accidents

Goran Ilić, Miroslav Milić, Aleksandra Antović, Ivan Stojanović

Institute of Forensic Medicine, Medical Faculty, University of Niš, Niš, Serbia

11:40 – 11:50

Stabbing with household weapons

Gabor Simon¹, Veronika Heckmann¹, Vilde Engum¹, Viktor Soma Poór¹, Denes Tóth¹, Tamás F. Molnar^{2,3},

¹Department of Forensic Medicine, Medical School, University of Pécs, Pécs, Hungary

²Department of Surgery, Petz A University Teaching Hospital, Győr, Hungary

³Department of Operational Medicine, Medical School, University of Pécs, Pécs, Hungary

11:50 – 12:00

Differential diagnosis between suicide and homicide in complex cases: the importance of on-site investigation. A case report on a death by throat-cutting and hanging

Domenico Nieddu¹, Tatiana Lecca¹, Sara Mariotti¹, Alberto Carniato¹, Elia Porru¹, Matteo Nioi¹

1 Università degli Studi di Cagliari, Dipartimento di Scienze Mediche e Sanità Pubblica, Unità di Medicina Legale, Italy

12:00 – 12:10

Homicide by gunshot wounds to the head and neck – an unusual mechanism of death

Tena Sadlo¹, Marija Baković², Darija Alpeza¹, Ines Šunjić³, Martina Tkalčić²

¹ Department of Pathology and Forensic medicine, Osijek University Hospital, Croatia

² Institute of Forensic Medicine and Criminalistics- School of medicine, University of Zagreb, Croatia

³ Department of Pathology, Cytology and Forensic medicine, University Clinical Hospital Mostar, Bosnia and Herzegovina

12:10 – 12:20

A 20-year retrospective analysis of child and adolescent homicide in southeast Serbia

Aleksandra Antović¹, Goran Ilic¹, Ivan Stojanovic¹, Stevan Todorovic¹, Miroslav Milic¹, Milica Miljkovic¹, Marija Nikolic¹, Bogdan Pinterovic¹

¹Institute of Forensic Medicine, University of Nis, Faculty of Medicine, Serbia

12:20 – 12:30

The use of archived paraffin tissue blocks in forensic DNA analysis

Katarina Vitošević^{1,2}, Danijela Todorović³, Živana Slović^{1,2}, Tatjana Varljen⁴, Ivana Radaković¹, Vanja Čanović⁵, Filip Mihajlović⁵, Miloš Todorović^{1,2}

¹University of Kragujevac, Serbia, Faculty of Medical Sciences, Department of Forensic Medicine, Kragujevac, Serbia

²Clinical Center of Kragujevac, Serbia, Department of Forensic Medicine and Toxicology, Kragujevac, Serbia

³University of Kragujevac, Serbia, Faculty of Medical Sciences, Department of Genetics, Kragujevac, Serbia

⁴Institute of Forensic Medicine, Faculty of Medicine, University of Belgrade, Belgrade, Serbia

⁵University of Kragujevac, Serbia, Faculty of Medical Sciences, Kragujevac, Serbia

12:30 – 12:40

“One ring to find them all”: the potential of sem/scanning electron microscopy with microanalysis/eds in a murder suspect case

Luigi Papi¹, David Forni¹, Julia Lazzari¹, Ilaria Marcacci¹, Naomi Iacoponi¹, Andrea Costantino¹, Claudia Giaconi², Ilaria Carboni³, Randa Ishak⁴, Renzo Valentini⁴, Silvio Chericoni⁵

¹Operative Unite of Legal Medicine, Department of Pathology, University of Pisa, Italy

²Diagnostic Imaging Department – Azienda Ospedaliero Universitaria Pisana. Italy

³Operative Unite of Diagnostic Genetic, Hospital of Florence, Italy

⁴Laboratory of Microstructural Analysis, Department of Civil and Industrial Engineering.

⁵Laboratory of Forensic Toxicology, University of Pisa, Italy

12:40 – 12:50

Micro-CT analysis of morphological degenerative features of sterno-clavicular joint for forensic purposes

Laura Secco, Pasquale Padalino, Lisa Franceschetto, Alessia Viero, Giovanni Cecchetto, Guido Viel

Department of Cardiac, Thoracic, Vascular Sciences and Public Health, Unit of Legal Medicine and Toxicology, University of Padova, Padova, Italy

12:50 – 13:00

Virtual fractography: accuracy of micro-ct in detecting butterfly fractures

Federica Trevissoi¹, Giorgia Todesco¹, Elena Giovannini², Nicolò Martini¹, Maria Sech², Andrea Gabbin¹, Giorgia Franchetti¹

¹ Department of Cardiac, Thoracic, Vascular Sciences and Public Health, Unit of Legal Medicine and Toxicology, University of Padova, Padova, Italy

² Department of Medical and Surgical Sciences, Unit of Legal Medicine, University of Bologna, Bologna, Italy

13:00 Lunch

Friday, 8th September 2023 – Afternoon Session

Chairpersons: Giorgia Franchetti, Thomas Keller, Markus Große Perdekamp

14:30 – 14:50

***Charred bodies: medico legal challenges
in the reconstruction of the manner of death***

Vladimir Živković

14:50 – 15:10

***Mass graves in Slovenia:
medico legal challenges in the identification of the victims***

Tomás Zupanc

15:10 – 15:30

Hyperthermia: is it always an accidental death?

Emina Dervišević

15:30 Coffee break

15:50 – 16:10

***Medicolegal characteristics of human mortality
in the maritime environment***

Dražen Cuculic

16:10 PM – 16:30

Homicides cases in the Province of Udine

Carlo Moreschi

16:30 – 16:50 *Discussion*

16:50 – 18:00 *Oral communications*

16:50 – 17:00

Medicolegal implications of deaths due to agricultural accidents

Ugo Da Broi¹, Francesco Simonit¹, Lorenzo Desinan¹, Rexson Tse², Jack Garland³, Benjamin Ondruschka⁴,
Danny Mann⁵

¹ Department of Medicine, Legal Medicine, University of Udine, Udine, Italy

² Griffith University School of Medicine, Southport, QLD, Australia

³ Forensic and Scientific Services, Health Support Queensland, Gold Coast University Hospital, Southport, QLD, Australia

⁴ Institute of Legal Medicine, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

⁵ Department of Biosystem Engineering, University Manitoba, Canada

17:00 – 17:10

Multiple shots of different firearms in a charred corpse

Martina Demasi, Mattia Arturi, Francesca Freni, Pierangela Grignani, Yao Chen

Dipartimento di Medicina Legale e Scienze Forensi, Università degli Studi di Pavia, Italy

Friday, 8th September 2023 – Afternoon Session
Chairpersons: Giorgia Franchetti, Thomas Keller, Markus Große Perdekamp

17:10 – 17:20

Impaled on a fence: homicide, suicide or accident (case report)

Peter Kadiš, Tina Čakš Golec, Živa Žerjav

Department of Pathology, University Medical Centre Maribor, Slovenia

17:20 – 17:30

The role of the forensic pathologist in assessing cruelty as aggravating factor of homicide

Marcello Seligardi, Alice Buzzelli, Andrea Luseti, Francesco Calabrò, Sara Dagoli

Servizio di Medicina Legale, Dipartimento di Medicina e Chirurgia, Università di Parma, Italy

17:30 – 17:40

Forensic medical issues which cover a severe background criminal case

Eva M. Kereszty

Department of Forensic Medicine, University of Szeged, Hungary

17:40 – 17:50

The application of Apple LiDAR mobile 3D surface scanning of crimescenes and objects

Yanko G. Kolev^{1,2}

¹Department of General medicine, forensic medicine and deontology, Medical University – Pleven, Bulgaria

²Department of Forensic medicine, District hospital MBAL, Gabrovo, Bulgaria

17:50 – 18:00

Semen detection in vagina smears

Kálmán Rácz¹, Sándor Lénárt², Péter Gergely¹,

¹University of Debrecen Clinical Center, Institute of Forensic Medicine, Hungary

²University of Debrecen Clinical Center, Faculty of Medicine, Hungary

20:00 Social Dinner

Saturday, 9th September 2023 – Morning Session
Chairpersons: Francesco Simonit, Krzysztof Woźniak, Tomás Zupanc

09:30 – 09:50

Advances in Post-Mortem Interval

Fabio Monticelli

09:50 – 10:10

Vital reactions of lesions

Djordje Alempijevic

10:10 – 10:30

Drug-related deaths in Slovakia: Homicide, Suicide or Accident?

Jozef Šidlo

10:30 – 11:00 Discussion

11:00 Coffee break and poster session 2

11:20 – 13:00 Oral communications

11:20 - 11:30

Estimating the post-mortem interval using decomposition scoring systems. a comparative study

Valentina Bugelli¹, Silvia Raddi², Sara Bortolini³, Carlo Pietro Campobasso⁴

¹Azienda Usl Toscana Sud Est- UO Medicina Legale, sede di Grosseto, Italy

²Health Sciences Department- Legal Medicine Section, University of Florence, Italy

³ Faculty of Science and Technology, Free University of Bolzano, Italy

⁴ Department of Experimental Medicine (Dept.E.M.) School of Medicine – University of CAMPANIA “L. Vanvitelli”, Italy

11:30 - 11:40

CO related deaths: a Verona case series. When cooperation becomes compulsory

Alessandro Sartori, Maurizia Tiberio, Giovanna Del Balzo, Elisa Vermiglio, Dario Raniero, Domenico De Leo

Department of Diagnostic and Public Health, Section of Forensic Medicine, University of Verona, Italy

11:40 - 11:50

Multiple stab wounds deaths: what tips the scales towards suicide?

Andrea Paterna¹, Francesco Baldari¹, Alice Bacchio¹, Flavio Pertosa¹, Ilaria Tarozzi², Lorenzo Franceschetti³

1. Department of Medical, Surgical and Neuroscience Sciences, Section of Forensic Medicine, University of Siena, Italy

2. Modena Local Health Unit, Department of Legal Medicine and Risk Management, Modena, Italy.

3. Department of biomedical health sciences, Section of Forensic Medicine, University of Milan, Italy

12:10 - 12:20

Impact of regulatory changes in criminal procedure on the structure of forensic medical examinations of living persons and corpses in Latvia 2018-2022

Jolanta Vamze-Liepina

State Centre for Forensic Medical Examination of Latvia

Saturday, 9th September 2023 – Morning Session
Chairpersons: Francesco Simonit, Krzysztof Woźniak, Tomás Zupanc

12:20 - 12:30

Characteristics of homicidal and suicidal sharp force fatalities at Institute of Forensic Medicine in Ljubljana – Application of gathered knowledge in a complex case

Martin Mervic, Tomaž Zupanc

Institute of Forensic Medicine, Faculty of Medicine, University of Ljubljana, Slovenia

12:30 - 12:40

Cocaine-related deaths: forensic characteristics and postmortem toxicology analysis

Aleksa Leković, Slobodan Nikolić

Institute of Forensic Medicine, University of Belgrade – Faculty of Medicine, Belgrade, Serbia

12:40 - 12:50

Distribution of violent death types before and during the Covid -19 pandemic in Riga district in 2017-2021

Karina Avisane^{1,2}, Grigorijs Vabels²

¹ Riga Stradins University

² Latvia State Centre for Forensic Medicine

11:50 - 12:00

Problems and peculiarities of corpse examination at the scene of the incident in Ukraine

Valery Gunas

National Pirogov Memorial Medical University, Vinnytsya, Ukraine

12:00 - 12:10

Acute stress induced myocardial changes. Is it possible to prove ‘special cruelty’ by histological examination?

Beáta Havasi, Zita Kómár, Roland Weiczner

Department of Forensic Medicine, Albert Szent-Györgyi Clinical Centre, University of Szeged, Hungary

12:50 - 13:00

Modern suicide trend from internet

^{1,2} Andrea Szórádová, ² Dalibor Hojsík, ³ Martin Zdarílek, ² Denis Valent, ^{1,2} Ľuboš Nižnanský, ² Alexander Kovács, ⁴ Richard Hokša, ^{1,2} Jozef Šidlo

¹ Institute of Forensic Medicine, Faculty of Medicine, Comenius University, Bratislava, Slovak Republic

² Medico-Legal Department of the Healthcare Surveillance Authority, Bratislava, Slovak Republic

³ Medico-Legal and Pathological-Anatomical Department of the Healthcare Surveillance Authority, Nitra, Slovak Republic

⁴ Pathological-Anatomical Department of the Healthcare Surveillance Authority, Bratislava, Slovak Republic

13:00 Awards and Closing Remarks

POSTER SESSION 1 (1)

1. Suicide by drowning with genital self-mutilation: case report

Aleksandra Alekperova, Jolanta Vamze-Liepina, Ināra Ščerbinska, Olga Fjodorova

Latvia State Centre for Forensic Medicine; Department of Pathology, Rīga Stradiņš University

2. Beyond the virus: examining the impact of Covid-19 on violent fatalities

Ivana Andric¹, Vanja Čanović², Filip Mihajlović³

¹ University of Kragujevac, Serbia, Faculty of Medical Sciences, Department of Forensic Medicine

² University of Kragujevac, Serbia, Faculty of Medical Sciences

³ University of Kragujevac, Serbia, Faculty of Medical Sciences, Department of Pharmacology and Toxicology

3. Homicide staged as a car accident

Gianmarco Argentiero, Nicolas Martinelli, Yao Chen

Dipartimento di Medicina Legale e Scienze Forensi, Università degli Studi di Pavia

4. Vehicular homicide or cardiovascular accident? The importance of the autopsy findings

Gianluca Auriemma, Roberto Cortese, Gaetano Di Donna, Sabrina Di Biase, Emanuele Capasso, Massimo Niola

Department of Advanced Biomedical Science-Legal Medicine Section, University of Naples “Federico II”, Naples, Italy

5. Plastic bag suffocation and codeine overdose: an unusual case of complex suicide

Alice Bacchio¹, Francesco Baldari¹, Lorenzo Franceschetti², Andrea Paterna¹, Flavio Pertosa¹, Ilaria Tarozzi³.

¹ Department of Medical, Surgical and Neuroscience Sciences, Section of Forensic Medicine, University of Siena.

² Department of biomedical health sciences, Section of Forensic Medicine, University of Milan.

³ Modena Local Health Unit, Department of Legal Medicine and Risk Management, Modena, Italy.

6. Carbon monoxide poisoning in putrefied corpses: a difficult diagnosis

Francesco Baldari¹, Lorenzo Franceschetti², Ilaria Tarozzi³, Andrea Paterna¹, Alice Bacchio¹, Flavio Pertosa¹.

¹ Department of Medical, Surgical and Neuroscience Sciences, Section of Forensic Medicine, University of Siena.

² Department of biomedical health sciences, Section of Forensic Medicine, University of Milan.

³ Modena Local Health Unit, Department of Legal Medicine and Risk Management, Modena, Italy.

7. Postmortem concentrations of dopamine in cerebrospinal fluid regarding the manner and cause of death

Irina Banjanin, Vera Lukić, Vesna Popović, Tatjana Atanasijević, Milenko Bogdanović, Veljko Milošević, Zoran Mihailović, Tijana Petrović, Bojana Radnić

Institute of Forensic Medicine “Milovan Milovanović”, University of Belgrade, Belgrade, Serbia

8. Importance of the details in person identification

Beáta Á. Borsay, Péter A. Gergely

University of Debrecen, Faculty of Medicine, Institute of Forensic Medicine, Hungary

9. The impact of Covid-19 pandemic on violent deaths

Milenko Bogdanović, Vesna Popović, Tatjana Atanasijević, Zoran Mihailović, Irina Banjanin, Veljko Milošević, Tijana Petrović, Bojana Radnić

Institute of Forensic Medicine “Milovan Milovanović” Faculty of Medicine, University of Belgrade, Serbia

POSTER SESSION 1 (2)

10. Drug-facilitated sexual assault followed by femicidal chloroform poisoning and suffocation: a case-report of criminal responsibility

Jessika Camatti¹, Ivan Galliani², Rossana Cecchi¹

¹Institute of Legal Medicine, Department of Medicine and Surgery, University of Parma, Italy

²Institute of Legal Medicine, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Italy

11. Application of thermal imaging in forensic pathology: insights from two real cases

Alberto Carniato¹, Sara Mariotti¹, Tatiana Lecca¹.

1 Università degli Studi di Cagliari, Dipartimento di Scienze Mediche e Sanità Pubblica, Unità di Medicina Legale.

12. Unveiling the calculated brutality: a forensic case report on a homicide involving multiple mechanisms of injury

Ljupcho Chakar, Ana Ivcheva, Rosica Siamkouri, Natasha Bitoljanu, Aleksandar Stankov, Zlatko Jakjovski

Institute of Forensic Medicine, Criminalistics and Medical Deontology, Faculty of Medicine, Ss. Cyril and Methodius University in Skopje, Republic of North Macedonia

13. The role of ethanol in a case of complex suicide involving drowning in a diabetic woman

Jennifer Codognotto¹, Francesco Simonit², Ugo Da Broi², Lorenzo Desinan²

¹SOSD Medicina Legale della Responsabilità Sanitaria, ASUFC, Udine, Italy

²Dipartimento di Medicina, Medicina Legale, Università degli Studi di Udine, Udine, Italy

14. Suicidal hanging inside an automobile

Mariavictoria De Simone¹, Antonietta Porzio^{1,2}, Alessandro Feola¹, Federica Cascone¹, Anna Carfora¹, Carlo Pietro Campobasso¹

¹ Department of Experimental Medicine, University of Campania “Luigi Vanvitelli”, Naples, Italy;

² Department of Mental and Physical Health and Preventive Medicine, University of Campania “Luigi Vanvitelli”, Naples, Italy.

15. A case of complex asphyxia sheds light on problems in the classification of asphyxias

Francesco D’Elia¹, Francesco Simonit², Lorenzo Desinan²

¹Scuola di Specializzazione in Medicina Legale, Università degli Studi di Trieste, Trieste, Italy

²Dipartimento di Medicina, Medicina Legale, Università degli Studi di Udine, Udine, Italy

16. Tooth and bone as a cause of death in drowning: a new diagnostic procedure in forensic medicine practice

Dervišević Emina¹, Katica Muhamed², Mašić Ermin³, Čamdžić Nina⁴, Ajanović Zurifa⁵, Dervišević Lejla⁵, Salihbegović Adis¹, Sarajlić Nermin¹

¹Department of Forensic Medicine, Faculty of Medicine, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

²Veterinary Clinical Pathology, Veterinary Faculty University of Sarajevo, Sarajevo, Bosnia and Herzegovina

³Department of Biology, Faculty of Science, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

⁴Department of Pathology, Faculty of Medicine, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

⁵Department of Human Anatomy, Faculty of Medicine, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

17. Breast reduction self-surgery: case report

Olga Fjodorova, Jolanta Vamze-Liepina, Nadežda Skidenko

Latvia State Centre for Forensic Medicine; Department of Pathology, Rīga Stradiņš University

18. Intimate partner femicide: medico-legal and epidemiological investigation at the institute of legal medicine of Padua (Italy) and Freiburg (Germany)

Giorgia Franchetti¹, Federica Trevissoi¹, Silvia Cocchio², Patrizia Furlan², Clara Cestonaro¹, Martina Menegolo¹, Vanessa Thoma³, Guido Viel¹, Giovanni Cecchetto¹, Annette Thierauf-Emberger³

¹Department of Cardiac, Thoracic, Vascular Sciences and Public Health, Unit of Legal Medicine and Toxicology, University of Padova, Padova, Italy

²Department of Cardiac, Thoracic, Vascular Sciences and Public Health, Unit of Hygiene and Public Health, University of Padova, Padova, Italy

³Institute of Forensic Medicine, University of Freiburg, Faculty of Medicine, Freiburg, Germany

19. A non-fatal THC poisoning of a 2,5-year-old boy – a case report

Nejc Gantar¹, Andrej Fister¹, Anja Kristl¹

¹ Institute of Forensic Medicine, University in Ljubljana, Faculty of Medicine, Ljubljana, Slovenia.

20. A multidisciplinary approach for evaluating an atypical concealment. Case report

Elena Giovannini¹, Giorgia Franchetti², Federica Trevissoi², Filippo Pirani¹, Simone Santelli¹

¹ Department of Medical and Surgical Sciences, Unit of Legal Medicine, University of Bologna, Bologna, Italy

² Department of Cardiac, Thoracic, Vascular Sciences and Public Health, Unit of Legal, Medicine and Toxicology, University of Padova, Padova, Italy

21. Lethal threat in the use of glass doors at home

Barbara Dóra Halasi¹, Róbert Kristóf Pórszász², Péter Attila Gergely¹

¹University of Debrecen, Department of Forensic Medicine

²University of Debrecen, Department of Pharmacology and Pharmacotherapy

22. Burning temperature and bone modification: the cremation dynamics

Dario Innocenti¹, Francesco Simonit², Lorenzo Desinan²

¹Università degli Studi di Udine, Dipartimento di Studi Umanistici

²Università degli Studi di Udine, Dipartimento di Area Medica, Medicina Legale

23. Forensic epidemiological analysis of suicides in the Republic of North Macedonia in the period before and during the Covid-19 epidemic

Ana Ivcheva, Goran Pavlovski, Ljupco Chakar, Natasha Bitoljanu, Victoria Velakaposka Srpanova

Institute of Forensic Medicine, Criminalistics and Medical Deontology, Faculty of Medicine, University "Ss. Cyril and Methodius" - Skopje, Republic of North Macedonia

24. Postmortal dark scleral spots: insights from a study of 905 cases from a single institution

Tatiana Lecca¹, Domenico Nieddu¹, Sara Mariotti¹, Alberto Carniato¹, Elia Porru¹, Matteo Nioi¹, Roberto Demontis¹.

¹Università degli Studi di Cagliari, Dipartimento di Scienze Mediche e Sanità Pubblica, Unità di Medicina Legale.

25. Acute rib fracture detection performance with deep learning models on computed tomography data of blunt chest trauma patients: a systematic review and meta-analysis

Manel Lopez Melia^{1,2}, Virginie Magnin^{1,2,3}, Stéphane Marchand-Maillet⁴, Silke Grabherr^{1,2,3}

¹ University Centre of Legal Medicine Lausanne-Geneva, Switzerland

² University Hospital and University of Geneva, Switzerland

³ University Hospital and University of Lausanne, Switzerland

⁴ Department of Computer Science, Viper Group, University of Geneva, Switzerland

POSTER SESSION 1 (4)

26. Vehicle-assisted ligature strangulation: case report of a bizarre suicide: method and literature review

Matteo Lorenzoni, Francesco Baldisser, Giovanna Del Balzo, Dario Raniero, Domenico De Leo

Department of Diagnostic and Public Health, Section of Forensic Medicine, University of Verona.

27. Say “cheese”: a strange death in the heart of the food valley

Andrea Lusetti, Sara Dagoli, Marcello Seligardi, Alice Buzzelli, Francesco Calabrò

Unit of Legal Medicine, Department of Medicine and Surgery, University of Parma



POSTER SESSION 2 (1)

1. Interpretation of the pink teeth sign in non-submerged cadavers: a case series

Sara Mariotti, Alberto Carniato, Domenico Nieddu, Tatiana Lecca, Elia Porru, Matteo Nioi

Università degli Studi di Cagliari, Dipartimento di Scienze Mediche e Sanità Pubblica, Unità di Medicina Legale.

2. A singular accident at work: a case of burial asphyxia

Marco Marra, Eleonora Pannese, Stefano DeVecchi, Andrea Paterna

Department of Medical, Surgical and Neuroscience Sciences, Section of Forensic Medicine, University of Siena

3. B&B throatslitting: homicide, suicide or accident?

Nicolas Martinelli¹, Gianmarco Argentiero¹, Matteo Moretti², Luca Morini¹, Yao Chen¹

¹Dipartimento di Medicina Legale e Scienze Forensi, Università degli Studi di Pavia

²Ufficio delle Scienze Forensi, Bellinzona CH

4. Accidental poisoning with colchicine (*colchicum autumnale*) with fatal outcome - case report

Filip Mihajlović¹, Snežana Đorđević^{2,3}, Ivana Radaković⁵, Živana Slović^{4,5}, Miloš Todorović^{4,5}

¹University of Kragujevac, Faculty of Medical Sciences Kragujevac, Department of Pharmacology and Toxicology, Kragujevac, Serbia

²National Poison Control Centre, Military Medical Academy, Belgrade, Serbia

³Medical Faculty Military Medical Academy, University of Defense, Belgrade, Serbia

⁴University Clinical Center Kragujevac, Department of Forensic Medicine and Toxicology, Kragujevac, Serbia

⁵University of Kragujevac, Faculty of Medical Sciences Kragujevac, Department of Forensic Medicine, Kragujevac, Serbia

5. The old dilemma: suicidal multiple sharp force injuries simulating homicide

Milica Miljkovic, Bogdan Pinterovic, Marija Nikolic, Aleksandra Antovic, Goran Ilic, Ivan Stojanovic

Institute of Forensic Medicine, University of Nis, Faculty of Medicine, Serbia

6. Importance of medicolegal autopsies for determining the manner and cause of death in charred bodies

Marija Nikolic, Miroslav Milic, Goran Ilic, Aleksandra Antovic, Milica Miljkovic, Dimitrije Pancic

Institute of Forensic Medicine, University of Nis, Faculty of Medicine, Serbia

7. Uncommon homicide caused by stabbing blade

Goran Pavlovski, Verica Poposka, Aleksandar Stankov, Zlatko Jakjovski, Marija Bujaroska Perkovic

Institute of Forensic Medicine, Criminalistics and Medical Deontology, Faculty of Medicine, University of Ss. Cyril and Methodius – Skopje, Republic of North Macedonia

8. Child death due to scalding: accident or child abuse?

Dimitrije Pancic, Milica Miljkovic, Bogdan Pinterovic, Miodrag Zdravkovic, Ivan Stojanovic, Marija Nikolic

Institute of Forensic Medicine, University of Nis, Faculty of Medicine, Serbia

9. The role of atherosclerosis in blunt force injuries of the thoracic aorta

Dénes Pauka Dr.¹, Gábor Simon Dr.¹, Veronika Heckmann Dr.¹, Dénes Tóth Dr.¹, Viktor Soma Poór Dr.¹,

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POSTER SESSION 2 (2)

10. Homicide or accident? Gastric mucosal tears in an apparent case of murder

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¹Department of Medicine, Surgery and Health Sciences, University of Trieste, Trieste, Italy

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11. The prevention of elder mistreatment: caregiver's role

Flavio Pertosa¹, Francesco Baldari¹, Lorenzo Franceschetti², Andrea Paterna¹, Alice Bacchio¹, Ilaria Tarozzi³.

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12. "Overkill" phenomenon in cases of intimate partner homicides

Tijana Petrović, Milenko Bogdanović, Bojana Radnić, Irina Banjanin, Vesna Popović, Zoran Mihailović, Tatjana Atanasijević

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13. Gunshot residues and forensic trace evidence analysis as supplemental forensic diagnostic procedures in determining the manner of death – a case report with literature review

Bogdan Pinterovic, Stevan Todorovic, Aleksandra Antovic, Miodrag Zdravkovic, Dimitrije Pancic, Milica Miljkovic

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14. A suspected traumatic brain injury: murder or accidental event?

Filippo Pirani, Guido Pelletti, Angela Cornacchia, Elena Lacchè, Paola Bonasoni, Paolo Fais

Unit of Legal Medicine, Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy

15. A woman found in a bed storage box: considerations of the manner of death and the mechanism of dying

Bojana Radnić, Tatjana Atanasijević, Tijana Petrović, Irina Banjanin, Vesna Popović, Zoran Mihailović, Vladimir Živković, Aleksandra Repić, Milenko Bogdanović

Institute of Forensic Medicine "Milovan Milovanović", Faculty of Medicine, University of Belgrade, Serbia

16. "Homicide, suicide or accident?" Complex differential diagnosis – a case series

Simone Santelli, Luca Berti, Elena Giovannini, Guido Pelletti, Paolo Fais

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17. A complex case of atypical hanging in cocaine and opiate exposure

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18. Suicide case mistaken for homicide

Elton Serani, Zana Bruci, Mirnela Kocibelli

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POSTER SESSION 2 (3)

19. Forensic analysis of fatalities in a fire incident at a modular Covid-19 hospital: a case report

Rosica Siamkouri, Ljupcho Chakar, Goran Pavlovski, Ana Ivcheva, Viktorija Belakaposka-Srpanova, Verica Poposka

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20. Autopsy findings in fire-related deaths: suicide or accident? Analysis of necroscopic records in Friuli (1993-2022)

Francesco Simonit¹, Ugo Da Broi¹, Orazio Elia Sciarappa¹, Dario Innocenti², Fabiola Giudici³, Lorenzo Desinan¹

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³Cancer Epidemiology Unit, Centro di Riferimento Oncologico di Aviano (CRO) IRCCS, Aviano, Italy

21. From suicide to accident - case report - the significance of the medico-legal autopsies

Živana Slović^{1,2}, Katarina Vitošević^{1,2}, Ivana Andrić¹, Danijela Todorović³, Filip Mihajlović⁴, Miloš Todorović^{1,2}

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22. Genital mutilation as a result of sharp force injuries and domestic dog predation: accident, assault or self-infliction?

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23. Both side neck injuries with a chainsaw: homicide or suicide?

Ivan Stojanović, Goran Ilić, Miroslav Milić, Aleksandra Antović, Stevan Todorović, Milica Miljković

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24. Second shot air rifle suicide

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25. Two cases of multiple stab wounds: suicide or homicide?

Maurizia Tiberio, Alessandro Sartori, Giovanna Del Balzo, Dario Raniero, Francesco Ausania

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26. Homicide-suicide in southeast Serbia: a 15 - year retrospective study

Stevan Todorović¹, Aleksandra Antović¹, Ivan Stojanović¹, Miodrag Zdravković¹, Milica Miljković¹, Marija Nikolic¹, Bogdan Pinterović¹

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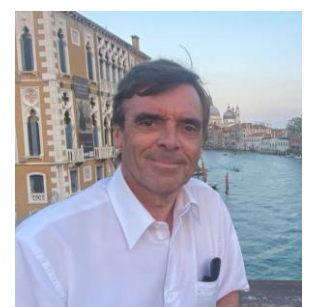
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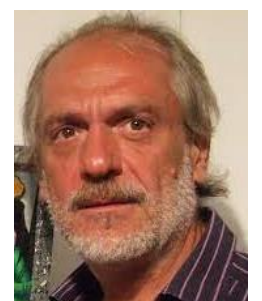
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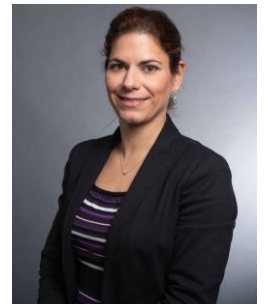
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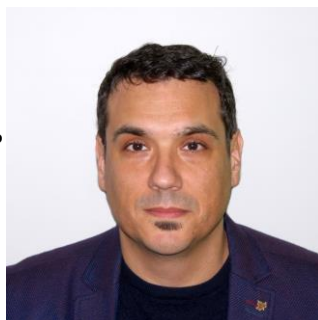
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