



I-O-F-O-S

# NEWSLETTER

INTERNATIONAL ORGANISATION FOR FORENSIC ODONTO-STOMATOLOGY

[www.iofos.eu](http://www.iofos.eu)



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## IMPRESSUM

<p><b>PRESIDENT OF THE IOFOS</b></p> <p>Professor Hrvoje Brkic DMD, MSc, PhD University of Zagreb, School of Dental Medicine Department of Dental Anthropology Chair of Forensic Dentistry Gundulićeva 5, HR- 10000 Zagreb e-mail: <a href="mailto:brkic@sfzg.hr">brkic@sfzg.hr</a> web page: <a href="http://www.brkic.eu">www.brkic.eu</a></p>	<p><b>EDITOR OF THE NEWSLETTER</b></p> <p>Associate professor Marin Vodanovic, DDM, MSc, PhD University of Zagreb, School of Dental Medicine Department of Dental Anthropology Gundulićeva 5, HR- 10000 Zagreb, Croatia e-mail: <a href="mailto:vodanovic@sfzg.hr">vodanovic@sfzg.hr</a> web page: <a href="http://www.marinvodanovic.com">www.marinvodanovic.com</a></p>	<p><b>PROOF READER</b></p> <p>Dr Zephné Bernitz BVSc (Pret) P.O.Box 1276 Middelburg Mpumalanga 1050 South Africa E-mail: <a href="mailto:bernitz@iafrica.com">bernitz@iafrica.com</a></p>
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COVER PHOTO: Salona, Croatia; Author: Marin Vodanovic

**Marin Vodanović**

Editor of the IOFOS  
Newsletter

Department of  
Dental  
Anthropology,  
School of Dental  
Medicine,  
University of  
Zagreb, Croatia

[vodanovic@sfzg.hr](mailto:vodanovic@sfzg.hr)

[www.marinvodanovic.com](http://www.marinvodanovic.com)

Dear Readers,

The editorials of the last four issues of this newsletter more or less touched on the COVID19 pandemic and its impact on our private and business lives. Unfortunately, although the pandemic may be behind us, we have not returned to pre-pandemic life circumstances. The war in Ukraine with numerous innocent human casualties, terrible devastation, accompanied by global geopolitical tensions has continued and deepened the uncertainty of life by irreversibly changing the destinies of individuals, families and nations. It is unfortunate that literally the whole world must be in existential fear of the irrational moves of a small group of individuals and their interests. Instead of thinking about how to preserve this planet of ours and its beauty for generations to come, weapons are rattling around the world again and the horrors of war are echoing.

However, let us be optimistic, because every crisis has its end, and it is up to us to find our own way to recognize it. As you will see in the following pages of this newsletter, despite the crisis, forensic dentists around the world

have been very active in educating the younger generations, organizing workshops, conferences and congresses, spreading international cooperation, respect and tolerance. In addition, we are facing new forensic events that will attract many interested parties and create new ideas, projects and friendships that we always need.



And at the end, as always I invite you share your forensic

experience with the IOFOS community by preparing meeting reports and other texts. Your contributions for the next issue of IOFOS newsletter should be sent up to November 15th 2022. Your texts should be in MS Word (max. 2 pages, 1800 characters per page and up to 2 images), accompanied by a portrait photo of the author and affiliation data. More details are available below in the Instructions for authors. Contributions should be sent to [vodanovic@sfzg.hr](mailto:vodanovic@sfzg.hr).

Thank you!

Yours

Marin Vodanović

### Instructions for authors

IOFOS newsletter is published biannually in June and December. Contributions should be sent by e-mail to [vodanovic@sfzg.hr](mailto:vodanovic@sfzg.hr) not later than 15 days before the first day of the month of publication. All contributions should be in English as Microsoft Word documents (max. 2 pages). Do not include images in the text. If any, images should be at the end of the text (max. 2 images). All information about forensic dentistry such as meeting reports, news from national societies, forensic activity reports, future forensic meeting announcements, etc. from IOFOS members and member societies, as well as from other contributors are welcome. If you want to be included on IOFOS mailing list and receive the newsletter by e-mail please write to [vodanovic@sfzg.hr](mailto:vodanovic@sfzg.hr). Thank you!

**Hrvoje Brkić**

President of IOFOS

University of Zagreb  
School of Dental  
Medicine, Zagreb,  
Croatia

[brkic@sfzg.hr](mailto:brkic@sfzg.hr)

[www.brkic.eu](http://www.brkic.eu)

Dear IOFOS members and readers,

The time behind us in 2022 was filled with various national and international meetings in the field of Forensic odontology. The information about the activities we receive from our national associations is very encouraging and encourages our joint international cooperation.

I have personally been a lecturer at the University of Lisbon and the Academy of Sciences in Lisbon and an invited speaker at the 8th International Conference of the Indo-Pacific Academy of Forensic Odontology (INPAFO) held at Chandigarh University (India) during May 2022.

The IOFOS executive board has decided that due to the pandemic that hit us during the past year, the regular annual registration fee for 2022 will not be charged. Please note that notices of membership fees for national associations will resume next year.

Among the events behind us is certainly the INTERPOL meeting in Lyon and the report brought to us by Professor Ruediger Leesig below and the end of the first year of the specialist course in Forensic Odontology held at the University of Lisbon, with the great support of Professor Cristiana Pereira.

The South African Society for Forensic Odonto-Stomatology (SASFOS) has started a series of international online lectures with current topics and top world experts. So far, several have been held in the presence of a large number of followers around the world.

At the time of writing, I am announcing the visit of the IOFOS Secretary - Professor Ricardo Henrique Alves da Silva at the University of Zagreb, where he will give a lecture for teachers and students. During his stay, some new IOFOS guidelines will be formulated for the period ahead.

The postponed IOFOS Congress, which was supposed to be held in September 2020 in Dubrovnik, by a joint

decision of the National Society and the IOFOS Executive Board, is scheduled for September 7 and 8, 2023 in Dubrovnik, Croatia. During the congress, we will hold the General Assembly and elect a new president and mark the 50th anniversary of IOFOS. Therefore, please "save the date", and we will send detailed notifications at the end of the year.

I wish everyone a successful and healthy time ahead of us.

Hrvoje Brkić





**Cristiana Palmela  
Pereira**

Supervisor of the  
Specialization  
Course on Forensic  
Odontology

University of Lisbon,  
Portugal

[cpereira@campus.ul.pt](mailto:cpereira@campus.ul.pt)

# Specialization Course on Forensic Odontology Class 2021-2022, 1st edition Conclusion

Access and Admission for the Class 2022-2023, 2nd edition

International Course with collaboration between University of  
Lisbon (Faculty of Medicine and Faculty of Dental Medicine) and  
University of Zagreb (Faculty of Dental Medicine)

The first edition of the Specialization Course on Forensic Odontology certified and managed by the Faculty of Medicine and Faculty of Dental Medicine of the University of Lisbon and Faculty of Dental Medicine of University of Zagreb reach the end of this first academic year, and we are all too aware of what we have experienced over the last 9 months. I am able to provide you with a short summary in what has been a very enjoyable year for the academic staff and students throughout the academy.

The new specialization course on Forensic Odontology was designed to provide practicing health professionals and all the professionals related with skills and experience in the field of Forensic Odontology. The first course structure had 17 units that incorporated the application of medical, scientific, and legal disciplines related to forensic odontology investigations. The units were distributed in 2 semesters, each

semester with 15 weeks, with almost 400 hours of practical and theoretical lectures. The students could learn with inviting professors and experts in the field from around the world, from Australia, Brazil, Italy, United States, England, Norway, Germany, South Africa and Canada. During the practical lectures the students could face different practical realities in the autopsy room, anthropology laboratory and anatomical theater. They could learn with the most important institutions related to the forensic world: criminal police and forensic institute.

The feedback from the students has been positive and they report that they acquired skills on forensic odontology. You can listen to their testimony in [https://www.youtube.com/watch?v=Gan4YR9\\_jjA&t=84s](https://www.youtube.com/watch?v=Gan4YR9_jjA&t=84s)

As the academy year closed, I would like to thank the academic staff for their





hard work, their commitment and dedication to the Academy. I hope the summer holidays are restful for all of them. I look forward to meeting all in the begin of the Class 2022-2023 next 14<sup>th</sup> of October 2022. I will share some photos from different academic moments.

The access and admission for the Class 2022-2023 have started on 23 may 2022. You can have all the information for the application for international students on

<https://www.medicina.ulisboa.pt/en/forensic-odontology-course>

The curricular plan for the Specialization Course on Forensic Odontology 2022-2023, 2<sup>nd</sup> edition will keep the same course structure with 17 units distributed on 2 semesters, each semester with 15 weeks, with a total of 60 ECTS. It is a one-year course. You can

find all the curricular plan on <https://fenix.medicina.ulisboa.pt/degrees/mdf/curriculo>

The supervisors of the Course 2022-2023 are Professor Cristiana Palmela Pereira, Professor of Forensic Odontology and Professor Francisco Salvado, Professor of Stomatology. The Scientific Board of the Course 2022-2023 includes:

- Professor Cristiana Palmela Pereira, Professor of Forensic Odontology
- Professor António Gonçalves Ferreira, Professor of Anatomy and Neurosciences
- Professor João Aquino Marques, Professor of Medical Ethics, Deontology and Law
- Professor Francisco Salvado, Professor of Stomatology
- Professor André Pereira, Professor of Medical Ethics, Deontology and Law

- Professor Hrvoje Brkic, Professor of Forensic Odontology
- Professor Marin Vodanovic, Professor of Forensic Odontology
- Professor Francisco Corte Real, Professor of Legal Medicine
- Professor Fernando Vale, Professor of Pharmacology and Toxicology
- Professor Sofia Reimão, Professor of Imagiology and Radiology
- Professor Isabel Fonseca, Professor of Tanatology

<https://www.medicina.ulisboa.pt/en/forensic-odontology-course>

If you need some help for the application, you can get by the email [avancada@medicina.ulisboa.pt](mailto:avancada@medicina.ulisboa.pt)

I look forward to meeting new international students on October 2022 in Lisbon, Portugal.

Best wishes

Cristiana Palmela Pereira

All the important information's for the new academic year 2022-2023 including how to apply for the next Class are at







**Lourdes Gómez  
Jiménez**

President of SOFIA

Instituto Nacional  
de Patología "Dr.  
Sergio Sarita  
Valdez" – Santo  
Domingo,  
Dominican  
Republic

[mimigom2@hotmail.com](mailto:mimigom2@hotmail.com)

## We keep sharing knowledge (but also shaking hands)

**G**rievously, years 2020 and 2021 were full of uncertainty, loss of our loved ones, many changes but also life lessons. All of us, directly or indirectly, were impacted and changed by the COVID-19 pandemic.

In November 2021, our *Sociedad de Odontoestomatólogos Forenses Iberoamericanos* (SOFIA) held its XII Annual Meeting in virtually. Although the election of its Directive board had been postponed due to sanitary situations, the Board decided to call elections and these were consolidated on that annual assembly. We firmly suggested that SOFIA needed fresh air, changes and new goals to significantly make a difference on the growth of our society.

The main objectives of this new Directive board renew our vows to promote internationalization, to achieve progress that contributes to updating, upgrading and modifying its statutes according to the needs and standards that new times would bring along, all in line with those of IOFOS. SOFIA positively proposes to continue

growing as an avant-garde society, and at the same time increasing all communication channels.

The elected board is chaired by President, Dr. Lourdes Gomez (Dominican Republic). The vice-presidency in charge of Dr. Lourdes Maldonado (Bolivia), former president, now secretary Dr. Gabriel Fonseca (Argentina), and Treasurer in charge of Dr. Lidia Bravo (Chile).

There is a saying that goes: "There is always a positive side on every bad situation" Such situation forced us to employ multiple virtual tools to continue with the development of knowledge acquisition. This virtual tool made it possible for us to make connections with colleagues from all around the world, sharing our experiences and learning. In some ways, this allowed us to fight the difficulties we were confronting.

This new year still brings lots of uncertainty; nevertheless, we have come up with plans and forecasts that will enable us to keep on developing through our different investigations and

findings to contribute to all scientific areas by attending events, discussing our knowledge and linking to people who relate to our areas. We have decided to return to in person interactions, by hosting our first meeting in a long time, from August 25<sup>th</sup> to August 27<sup>th</sup> 2022, taking place in the city of Santo Domingo (Dominican Republic). We look forward to not only continuing to share knowledge, but also shaking hands as members, and as friends.

We know sometimes, both language and distance can become real challenges; nevertheless, is our newest task as members of SOFIA's Directive board, not to allow such things to become obstacles to prevent us from exercising our beloved forensic odonto-stomatology in an enthusiastic and dedicated way. It is a discipline, a science, but our truest passion bringing us together in order to continue fighting to provide the importance it deserves as an auxiliary tool for Justice.

**Shalini Gupta**

Department of Oral  
and Maxillofacial  
Pathology and  
Microbiology,  
Faculty of Dental  
Science, King  
George's Medical  
University

[dr.shalini@gmail.com](mailto:dr.shalini@gmail.com)

## The 4th International Conference of Forensic Odontology and Child Abuse (ICFO 2022) organized at King George's Medical University, Lucknow, India

The 4th International Conference of Forensic Odontology and Child Abuse (ICFO 2022) organized at King George's Medical University from 28<sup>th</sup> March to 31<sup>st</sup> March 2022 which was conducted in a hybrid mode (physically and virtually). As part of forensic medicine, forensic odontology has proven its importance and indispensable role as a service in medicolegal matters towards the goal of establishing justice, securing the future of society and safeguarding the health of individuals. The topic has recently emerged in India, but it is also growing in other countries around the globe. This conference included experts who offered ideas on how to encourage this subject and promote its benefits. The conference had a major focus on child abuse, a worldwide epidemic that needs to be addressed. Over 1000 people registered and attended the conference physically as well as via phone and webcast. The event was graced by 14 national and 17 international speakers from all over the

world from India to Us, Turkey and even from Ukraine, who expressed their views, discussed research and discussed future work on the subject of forensic odontology and child abuse. Apart from the conference, pre-conference and 2 post-conference workshops were also conducted.

The conference was organized by the Forensic Odontology Unit, Department of Oral Pathology & Microbiology, Faculty of Dental Sciences under the guidance of Prof. Dr. Shaleen Chandra and Prof. Dr. Shalini Gupta. They put their heart and soul into the success of this conference. This conference witnessed a large number of registrations from all over India, students as well as faculties of various colleges, forensic laboratories; social workers, lawyers, army personnel, etc actively participated in the activities and scientific sessions of the conference.

Day1 of the conference was dedicated to a pre-conference workshop titled 'Disaster and Conflict Victim Identification' organized in Kalam centre, KGMU. The workshop was attended by healthcare workers, PAC, Civil Police SDRF, ICRC, Military (command hospital), students and other bodies (e.g. FSL) primary focus of this workshop was to deliver hands-on workshop, information and training on Disaster Victims Identification. The workshop was initiated by welcome remarks by Prof. Dr. Shalini Gupta who stated the importance of this training and shared her experience in this field. She was followed by Prof. Dr. Adarsh Kumar (Hony. President IAMLE) who extended his warm regards to all the attendees and welcomed all the delegates.

The workshop commenced with the first lecture by Dr. Vinod Jain (Professor and Dean, King George's Medical University) and Dr. Sameer Mishra (Professor, King George's Medical University) on triage and life saving skills. This was followed by Lecture and Hands-on training by Dr. Tanuj Kanchan(Professor, AIIMS Bibinagar) and Dr. Raghvendra Kumar (Associate Professor, AIIMS Bhopal) on Anthropology and Personal Identification. They demonstrated how physical characteristics of remains can be matched with the record of an individual who manifested those characteristics in life. Remains can be examined to determine the sex, race, muscularity, dentition, age, stature, coloring, anomalies and other unusual data. Next followed the Hands-on and

lecture by Dr. Ashish Badiye (Professor and Head, Government Institute of Forensic Science Nagpur).He disquisition upon the embryology of finger fingerprints followed by different ridge patterns and it's type. Later he demonstrated the development and lifting of fingerprints and how to match the unknown samples with known ones. At last were the lectures and hands-on Dr. Shalini Gupta (Professor, King Gorge's Medical University) and Dr. Purnima Radesh (SRF, King George's Medical University) who reenacted the disaster site and discussed the role of forensic odontologists in Disaster victim identification. They demonstrated the methods of collections of human remains, evidence identifying tags etc. They even discussed the molecular aspect of the post mortem interval estimation. With this the workshop was concluded and great appreciation was received from SDRF, Military (Command Hospital), FSL, PAC representatives. The healthcare representatives also applauded the sessions and appreciated the initiative undertaken by the team to inculcate and educate the first responders.

Day 2 of the conference was organized in the Brown Hall (Selby Hall) situated in the campus of King George's Medical College. The program started with the inauguration ceremony which was done by the blessings of chief guest Honourable Governor of UP Smt Anandiben Patel, alongwith Minister, Hon'ble Vice Chancellor of King George's Medical University Lt. Gen (Dr.) Bipin Puri , Dean dental KGMU DR. R.K. Singh

Dr. Shalini Gupta highlighted the role of Dentistry, by stating that dentistry has much to offer law enforcement in the detection and solution of crime or in civil proceedings. Forensic dental fieldwork requires an interdisciplinary knowledge of dental science. Dental professionals have a major role to play in keeping accurate dental records and providing all necessary information so that legal authorities may recognize malpractice, negligence, fraud or abuse, and identify unknown humans.

Dr. Shaleen Chandra addressed about the role of the forensic odontologist, which is to establish a person's identity. Teeth, with their physiologic variations, pathoses and effects of therapy, record information that remains throughout life and beyond.

Dr. A. J. Patowary, Dr. Manoj Kumar Mohanty, Dr. Jayanta Das, Dr. Akhilesh Pathak, Dr. Rituja Sharma, Dr. A.P. Tikku, Dr. Phaneendar B. N. we're amongst the national speakers who educated and encouraged the crowd are amongst the pioneers of their respective field and also addressed the convention.

As the theme of this workshop was "A Saga of Child abuse and neglect: Time to act & react!" speakers imparted their wisdom and understanding of child maltreatment through the global conferences like ICFO (2022) which will not only help dentists to identify child maltreatment but also to implement target care and refer children and their families to appropriate resources.

The pioneers and heads of Department of forensic Medicine & Toxicology Dr.

A.J. Patowary and Dr. Jayanta Das emphasized on Child abuse and its legal aspects respectively. While Rituja Sharma Associate Professor of Law spoke on child pornography an integral part of "Code of Obscenity" she highlighted the misuse of Internet which is considered as one of the most interactive and widely used "Mass Media", but this positive aspect has been converted as an easy and cheap access to variety of information available, especially if it relates to sexually explicit material. Being a Forensic Expert and a Law Professional Phaneendar B. N., he also discussed the unwarranted exposure of Children to Social Media resulting in ABUSE. The children are obligated to get accustomed to the gadgets especially during the COVID-19 and this has become the new NORMAL life, and thus children are getting prone to such abuses and they are also becoming one of the victims of the online contents which are not being censored. Professor Dr. Akhilesh Pathak, Professor & Head, Department of Forensic Medicine & Toxicology talked about the challenges in prevention of Child Abuse in India. Prof. and Head of Department of Endodontics Dr. A.P. Tikku commented on a new TT tooth numbering system.

Day 3, of the conference was again organized in the brown hall, with nearly 1000 participants joining us physically as well as virtually.

Session 1 of the conference had following speakers: Prof. Praveen Arora, Dr. Utsav Parekh and Dr. JS Sehrawat who discussed Rights of Children: in the light of ethics and how negligence also



constitutes abuse. This session reviewed the Rights of Children with the aim of creating awareness, recognizing the gaps especially in the light of bioethical principles and to foster their implementation. Next lecture discussed an overview of 3-dimensional printing technology in Forensic Medicine. His presentation demonstrated how potentially 3D printing shall be utilized in forensic medicine and suggests areas for future applications. In forensic medicine, areas of medical education, weapon demonstration, fragmented bone remnants, court procedures, etc. would be scope for these technologies and in the last lecture of the session the speaker Dr. JS Sehrawat emphasized on anthropological uses of forensic odontology. He even discussed Ajnala cases where thousands of unknown human skeletal and dental remains were excavated non-scientifically. The excavated remains were badly damaged, fragmented and commingled due to their exhumation by amateur archaeologists. Few contextual items like coins and medals found associated with Ajnala skeletal remains, have the indented inscriptions of the year of their make and a portrait of Queen Victoria which corroborated their identity affiliations to the incident referred in the book written by British commissioner of Amritsar at that time. So, the techniques of odontometrics, dental defects and pathologies, elemental profiling, the radiographic, stable isotopic and mtDNA analyses were applied to Ajnala dental remains for estimating the age, sex, geographic affinity and disease and health status of the slain sepoys killed in 1857. This was

followed by second session where Dr Vidusha Vijay, Dr Binay Kumar & Dr Pragnesh Parmar delivered lecture on Child Sexual Abuse and the MTP Act, Child Sexual Abuse Loss A case Report and Integrated Forensic Approach to Solve Crime – Challenges and Way Forward respectively.

Dr. Vidusha commented on the lack of clarity in the act, along with lack of awareness of the law among parents of such victim children, doctors refusing abortions and legal process delay in the case of child sexual abuse all result in unsafe abortions. Criminal abortions can result in infection, future infertility, sepsis, bowel injury, internal injuries, and even death. The latest amendment to the MTP Act was passed on March 25, 2021. The amendment made 4 much needed changes to the MTP Act of 1971. This was followed by a lecture by Dr. Binay speculating that the rate of reporting by male children is lower due to masculine psyche. Due to poor socioeconomic conditions, low education levels, and insensitive law enforcement agencies, particularly in backward areas, we are still a long way from seeing the law (POSCO) put into effect. In the last address Dr Pragnesh Parmar proposed establishment of an integrated system because one person is not an expert at all. He even emphasized on the development of Centres of Excellence in Integrated Forensics which can deal with integrated teaching – learning, collaboration of various forensic institutes, multidisciplinary approach of Medical – Dental – Science, etc. Collaboration of various Ministries,

allocation of infrastructure, strengthening of manpower, funding, promotion of research, module of integration and one system development is required. Various forensic fraternities must work together for overall strengthening of forensic services to deal with crime.

With that great insight we moved to the last session of the day Dr Pooran Chand educated the gathering with his expert knowledge in the field of Medico-Legal Cases. He in detail discussed the ways to draft a report and presentation in court. During today's workshop which was running parallel to the conference, from history to the latest advent in bite mark analysis was shared by Dr. Purnima Radesh and Prof. Dr. Shalini Gupta. During the workshop, bite on the various surfaces and their differentiation was explained. Furthermore, manual as well as digital methods of various measurements, were discussed and demonstrated hands which are essential for personal identification. Later differentiating between types of bite marks (self-inflicted, abuse, or sexual oriented) was discussed meticulously.

At the end valedictory session was conducted where our Hon'ble Vice Chancellor sir, invited as the chief guest and Prof. Dr. SN Sankhwar (CMS) and Prof. Dr. Nandlal (Dean, Faculty of Dental Sciences) addressed the crowd and distributed prizes to the winners of the competitions and organizing committee. A word of applause was extended towards the organizing chairman Prof. Dr. Shaleen Chandra and organizing secretary Prof. Dr. Shalini

Gupta who's vision for establishing Forensic Odontology in India is getting shaped.

Day 4 i.e. On the last of the 4th International Conference of Forensic Odontology and Child Abuse, this was a conglomeration of the international speakers who addressed the crowd from across the globe. This occasion was attended by more than 1000 participants from across the globe.

Addressing the first lecture of the first session Dr Kalairasu Pearisamy he addressed regarding non-accidental injuries in children where he demonstrated similarities in both accidental and non-accidental aspects of orofacial injuries and it is important for the practitioner to identify them early. Following him Dr Ymelda Wendy Velezmoro Montes portrayed the sad reality of covid- era and child abuse. In her detailed study she statistically proved how children and adolescents were more vulnerable and more exposed to violence, especially mistreatment, sexual violence, domestic and gender violence, and labor exploitation. Dr Mohd Yusmiailil Putera Mohd Yusof emphasized on why as dental front liners we need to be critical in our clinical judgment and the consequences of professional neglect on the abused child. He event stated the legal aspects of national and international level which can be useful for giving justice to the families of the victim. He was followed by one of the most renowned face in the field of disaster victim identification, Dr. Evi Untoro. She discussed how this one of the most pervasive kind of crime has

seeped into every nook and corner of the society, she emphasised on how child pornography and such pervasive content on internet is corrupting the brains of all the individuals. Towards the end of this session, Prof. T Nataraja Moorthy delivered a lecture on how regardless of developed, developing and undeveloped countries child abuse prevail in the society and can turn into different forms of physical, emotional, sexual abuse and neglect

After concluding session 1, we moved to session 2 where our first guest speaker, Dr Ajith Tennakoon, discussed how Forensic Odontologists (FO) are playing an important supporting role in the Medico-Legal system in Sri Lanka. He emphasized on the JMO's responsibility to obtain relevant specialist's opinion to compile a comprehensive opinion in any referred case. Later Prof. Nursen Turan Yurtsever provided insight for Forensic Evidence Collection and Forensic Examination as victims require an emergent examination up to 72 hours from the assault to identify, document and assess anogenital injuries. Dr Ruwan Jayasinghe later added the importance of age calculation as an important aspect of forensic odontology. It needs to be done accurately, especially for medico-legal purposes. Whereas Prof Mete Gulmen, was unable to join us due to some health issues, his lecture was substituted by Dr. Sila Aslan. She gave us a brief on how Insidious acquaintances child abuse, e.g., intra-familial child abuse, intimate-partner violence, sexual abuse by family friends, incest, etc., is shockingly far more

common and dangerous than the acute forms of sexual violence committed by strangers. In the last lecture of the session Dr Manal S Bamoussa showed us the evolution of forensic nursing in the last decade. Her presentation will describe relevant topics of the curriculum and theories of populations vulnerable to crime, sexual offense, domestic abuse, etc. In addition, a highlight of the 9 course units was discussed, to enhance the Forensic nursing curriculum.

Dr Anshoo Agarwal who joined us by sparing her precious time to us discussed impact of COVID-19 on child abuse and neglect. A detailed description of physical, sexual and mental abuse was discussed in detail. Dr Cezar Capitaneanu suggested development of programmes with specified outcomes and standards, gathering feedback from learners and stakeholders, and closing the circle by using the feedback to improve teaching and assessment approaches.

Further, Dr Emilio Nuzzolese added importance of oral health professionals in the recognition of signs of possible physical and sexual abuse but also signs of dental neglect. Dr Ivana Cukovic-Bagic with the help of a picture demonstrated symptoms of physical abuse found in the head and neck. In the last session of this conference Dr Lisda Cancer, while referring to the regulation of the Health Minister in law No. 68-year 2013 regarding the obligation of healthcare providers to provide the information on allegations of violence against children.

Dr Hanna Bondarchuk from Ukraine joined us in this event. She discussed the Barnachus project which is being launched in three regions of Ukraine. The main purpose of the Barnachus is to reduce the trauma of the child in the postabused period. In the last lecture of the day Dr Selina Leow discussed the rapid growth in the use of computerized imaging methods in all fields including forensic medicine and forensic. The most significant step into this new “normal” has come from the use of digital Imaging – digital radiographs and Computed Tomographic (CT) scans. This was followed by the concluding remarks by Organising Secretary, Prof. Dr. Shalini Gupta who thanked all the eminent speakers who spared their precious time and educated children from across globe on such a sensitive topic.

Beside this conference which was conducted virtually, a physical workshop was conducted on an evolutionary topic –“3D Printing for Forensic Applications”. 3D Printing is an additive manufacturing technique in which material is added layer by layer to make a 3D dimensional physical model from a 3D CAD model of the object or human organ.

3D Printing in Forensics will be a game changer that will aid in human identification. A team from National Forensic Sciences University (NFSU) Gujarat deliberated and suggested the importance of 3D technology in criminal investigation and forensic caseworks.

In addition to 3D scanning for crime scene investigation and management, Dr. SHALINI GUPTA discussed the

importance of post-mortem computed tomography in mortuary settings. These skills in 3D printing are used by maxillofacial radiologists in dental and medical practices. The discussion also touched on the possible application of 3D printing in anthropological and archaeological cases. 3D technology can preserve the original evidence in cases where physical evidence is likely to deteriorate.

The conference covered various trends in the field, such as forensic odontology, science in medicine (age sex determination), identification of the dead, Item identification, Bite marks, and child abuse. The final conclusion of the conference was that laws against child abuse need to be revised and a modern definition should be added, including cyber bullying. In India, however, strict laws along with classes to help abused children are still needed. In India, however, strict laws along with classes to help abused children are still needed. Research on forensic dentistry is still lacking in India, despite its huge potential for development. During the conference, ways of improving the field and engaging more people were discussed in order to combat this. In conjunction with the International Conference of Forensic Odontology & Child Abuse - 2022, professionals from many disciplines gathered to learn about the latest advances in forensic dentistry and exchange ideas.



Prof. Dr. Adarsh Kumar, President Indian Association of Medico-legal Experts



Prof. Dr. Sushmita Saxena, President Indian Association of Oral Maxillofacial Pathologists



Prof. Dr. RK Gorea, President Indo-Pacific Academy of Forensic Odontology (INPAFO)



Prof. Dr. Shalini Gupta, Organizing Secretary (ICFO- 2022)  
Department of Oral Pathology & Microbiology, Faculty of Dental Sciences, King George's Medical University





**O. P. Jasuja**  
(Organizing  
Convenor, Patron  
INPAFO)

Professor and  
Head, Department  
of Forensic Science,  
Chandigarh  
University, Gharua,  
Punjab

[opjasuja@gmail.com](mailto:opjasuja@gmail.com)



**Aman Chowdhry**  
(Secretary INPAFO)

Professor,  
Department of Oral  
Pathology &  
Microbiology,  
Faculty of Dentistry,  
Jamia Millia Islamia  
New Delhi, India-  
110025

[achowdhry@jmi.ac.in](mailto:achowdhry@jmi.ac.in)

## 8th International Conference of Indo-Pacific Academy of Forensic Odontology held at Chandigarh University (India)

Last two years have been incredibly trying times, as mankind was continually ravaged by the ferocity of the deadliest virus. Now as we globally heal from trauma of this pandemic, we intend enhance our skills and knowledge by organising various pedagogical learning courses or discussions, both on virtual and physical formats. Hence, to promote this concept, Indo Pacific Academy of Forensic Odontology (INPAFO) which is member society of International Organisation For Forensic Odonto-Stomatology (IOFOS) organized their 8th annual scientific conference from 25<sup>th</sup> -27<sup>th</sup> May, 2022 at the beautiful venue of Chandigarh University (India). The event began on 25<sup>th</sup> May 2022 with a pre-conference workshop on "Isolation of DNA" from tooth in association with Central Forensic Science Laboratory (CFSL), Chandigarh. Dr Ikramul Haque (Director of CSFL, Chandigarh), Dr Sunita Verma (Assistant Director, CSFL, Chandigarh) and Dr Rohan Gawali (Maulana Azad Institute of Dental Sciences, New Delhi) conducted this innovative workshop. Around 70 delegates from all over India

participated in this workshop organized at CFSL, Chandigarh.

In previous conferences of the academy, there were considerable number of delegates from abroad, but due to COVID-19 pandemic, delegates could not make travel arrangements to India for attending this conference in time. To make sure of their participation, online sessions of their lectures were arranged the same evening. Online lectures were delivered by many international stalwarts like Dr. Hrvoje Brkić (President of I.O.F.O.S., Croatia), Dr. Akiko Kumagai (Japan), Dr Cezar Capitaneanu (Ireland) and Dr Botond Simon (Hungary). Keeping availability of the invited speakers in mind, two more lectures were delivered by Dr Farid from Hungary and Dr Ashith Acharya from Dharwad. Dr Ashith is an Australia-qualified Indian forensic odontologist who gave his insights on how to proceed and innovate in forensic odontology research.

More than 250 delegates from all parts of India attended the conference, which was inaugurated by Prof. Dr R. S. Bawa,

worthy Pro Chancellor of Chandigarh university on 26<sup>th</sup> May 2022 morning. Dr S K Jain, Chief Forensic Scientist, Government of India, New Delhi was the chief guest for the inaugural session. He emphasized the potential of academia-laboratory collaboration to work on identified thrust areas in forensic science. An abstract book was also unveiled in the inaugural session which contained compilation of messages by various stalwarts and abstracts of presentations. (Available at:

[https://issuu.com/amanchowdhry3/docs/new\\_inpafo\\_conference\\_abstract\\_book\\_30522\\_1](https://issuu.com/amanchowdhry3/docs/new_inpafo_conference_abstract_book_30522_1) ), Figure 1.

presentation was held. Each session began with invited talk by senior professional and in total 10 invited talks were organized on basics and advanced topics in forensic odontology. In addition to this, two special sessions were organized, which included one session on 3-D imaging in dental evidence and the other session was organized to throw light on the work of Late. Dr. Ajit Dinkar of Goa Dental College whose untimely demise last year caused an immense loss to the forensic odontology discipline.

With the support of Executive Council (EC) of INPAFO, cash awards to best paper in the categories of faculty,



Figure 1 Release of souvenir by Chief guest Dr. S.K. Jain

With the passage of time, academy has included more and more activities and, in this line, it has been decided to start many awards and honors. Dr Vinod Kapoor, a founder member of INPAFO and a renowned academician was voted and awarded with “2022-Life time achievement award”, Figure 2.

More than 10 scientific sessions for oral presentation and 1 session on poster

undergraduate and post graduate were given. A cultural program was presented by the students of the university including the Department of Forensic Science. Later at the concluding event, valedictory function was organized. Executive council meeting and annual general body of INPAFO was held in the same auditorium and Dr Aman Chowdhry (Secretary General of INPAFO), Dr Aman

Deep Salaria (Finance Secretary of INPAFO) and Dr Pradhuman Verma (Editor of INPAFO journal) presented annual report to general body of INPAFO. Dr. Rakesh Gorea (President of INPAFO) congratulated Dr. O.P. Jasuja for successfully conducting 8<sup>th</sup> INPAFO.

Details of upcoming conference and other activities of INPAFO are regularly available at [www.inpafo.org](http://www.inpafo.org). We look forward to meet INPAFO and IOFOS members at Nepal in 2023, as Dr. Samarika Dahal INPAFO member from Nepal has successfully bid for INPAFO annual conference.



Figure 2 Life time achievement award to Dr. Vinod Kapoor by Sr. Executive Director R.M. Bhagat and Pro-Vice Chancellor Dr. Satbir Singh Sehgal.



**Ruediger Lessig**

Chairperson-FOD  
Sub-working group

University Hospital  
Halle (Saale)

Institute of Legal  
Medicine

Franzosenweg 1

06112 Halle (Saale);  
Germany

[ruediger.lessig@uk-halle.de](mailto:ruediger.lessig@uk-halle.de)

## 43rd Interpol DVI Working Group Meeting and the FOD Sub-working group meeting

From the 20th to the 23rd of June 2022, the 43rd DVI Working Group Meeting was held in person at the INTERPOL Headquarters in Lyon, France.

The first day, on which only the subgroups had their meetings, was devoted to presentations on various topics in the FOD Subgroup.

- K. Aschheim reported about the use of artificial intelligence and computer image recognition and interpretation software (CIRIS).
- E. de Valck spoke about the identification of previously unidentified victims of the Bois Du Cazier Mine Disaster in 1956 in Belgium.
- S. Kvaal brought three case reports.
- E. Nuzzolese reported a dental AM data collection checklist which he created.
- C. Pereira reported about a training course in the field of forensic dentistry that was established in Portugal and was

carried out for the first time with international support.

- P. Sinha spoke about the applied science of forensic odontology in controversial criminal case solved in India.
- Davidson, who was the chairman of the FOD Subgroup for many years, said goodbye with a presentation on the activities of the FOD Subgroup over the years and was followed by the new representative from Sweden R. Gahn, who reported on an airplane crash in Sweden.
  - Farid also reported on the Hungarian DVI team, which has been established in recent years and has already completed missions and training.

The main program at INTERPOL began on Tuesday 21 June 2022 with a welcome from J. Stock, Secretary General of INTERPOL. During the DVI Conference, various cases from all over the world were reported to all attendees - sometimes in more detail than was possible in the subgroup meeting. Traditionally, the second part

of the subgroup meetings took place in the afternoon of June 21st. In the FOD Sub-working group meeting (Part 2), the topics of ISO (K. Aschheim), review of the DVI Guide and the Forms of PlassData were discussed in detail. A corresponding proposal is to be submitted by October.

Due to the limitation of the number of participants set by INTERPOL & COVID restrictions, “only” 27 dentists were approved to attend this year.

Everyone agreed that it was very good to be able to meet again in person. Personal exchange cannot be replaced by online events.

The 2023 meeting is scheduled for May/June in Singapore.







**Ricardo Henrique  
Alves da Silva**

President, 15th  
Brazilian Meeting of  
Forensic  
Odontology

Chair, Forensic  
Odontology - USP -  
School of Dentistry  
of Ribeirão Preto,  
Brazil

[ricardohenrique@usp.br](mailto:ricardohenrique@usp.br)



**Thiago Leite Beaini**  
President, Brazilian  
Association of  
Forensic  
Odontology

Professor, Forensic  
Odontology –  
Uberlândia Federal  
University, Brazil

[tbeaini@gmail.com](mailto:tbeaini@gmail.com)

# 15th Brazilian Meeting of Forensic Odontology: It's Coming! Join us!

**T**he Brazilian Meeting of Forensic Odontology is the largest and most important conference related to Forensic Dentistry in Brazil and this amazing event has been held on a biennial basis since 1992. This year we'll have the 15th edition!

The 15th Brazilian Meeting of Forensic Odontology (in Portuguese, 15o Congresso Brasileiro de Odontologia Legal) will be held in the beautiful city of Ribeirão Preto (São Paulo State), 300km from the city of São Paulo, and we'd love to have you with us during this amazing conference! Save the date and join us: November 2nd – 5th, 2022!

This edition of the Congress is organized by the Brazilian Association of Forensic Odontology (ABOL) and Forensic Odontology Division at USP – School of Dentistry of Ribeirão Preto, and expect to host more than 50 Speakers and around 500 attendees, including Brazilian and international undergraduate and graduate students, professors and professional in the different fields of Forensic Odontology.

Essential information and knowledge will be shared through lectures as well as practical courses and workshops, including international rooms, with

presentations in Spanish and in English, combined with networking, cultural and social activities. It is a great opportunity to check what is new in Forensic Odontology and be in touch with professionals all over Brazil and other countries that work in Forensic Odontology and related fields.

All the international community and IOFOS family are invited to join us. The registrations will open in July, and all the information will be shared on website - <https://www.cbol-online.com.br/>, and social media (Instagram and Facebook).

In addition, if you are interested to attend and need more information, feel free to contact us via email: [ricardohenrique@usp.br](mailto:ricardohenrique@usp.br) – and, for all the updates and information, follow our social media (all the information are published in Portuguese, English and Spanish) on Instagram and Facebook: @cbol22.

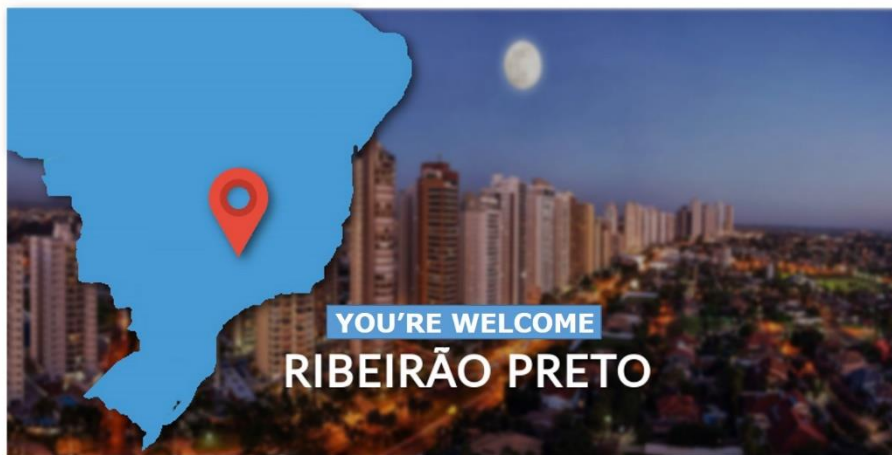
So... If you were expecting a good excuse to spend some time in Brazil and visit our wonderful country – this is your chance! Attend the 15th Brazilian Meeting of Forensic Odontology! You are welcome to Ribeirão Preto! You are welcome to Brazil!



## **15<sup>TH</sup> BRAZILIAN MEETING OF FORENSIC ODONTOLOGY**

USP - SCHOOL OF DENTISTRY OF RIBEIRAO PRETO  
WYNDHAM GARDEN RIBEIRAO PRETO CONVENTION

**NOVEMBER 2<sup>ND</sup> - 5<sup>TH</sup>, 2022**



**NEW DATE**  
September 7 - 8, 2023



**TRIENNIAL I.O.F.O.S. CONGRESS OF  
FORENSIC ODONTO-STOMATOLOGY**  
with Workshops  
**Dubrovnik, Croatia**

[www.iofos.eu](http://www.iofos.eu)  
50<sup>th</sup> anniversary



organized by  
School of Dental Medicine University of Zagreb  
Croatian Association of Forensic Stomatologists

Photo by  
Marin Šperanda