



# THE NEWSLETTER

Vol 04: Issue 01

February 2022

***Asia Pacific Forensic Odontology Group***

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## Message from the editors

Hi to ALL and a happy 2022!

Welcome to our first Newsletter for 2022

There has been very little contact from the APFO Group administration over the last 18 months. There are a number of reasons for this, the “virus” being the principle one!

We would like to reconnect with all past APFO Group members so we can continue our valued contact with each country.

In addition to the universal effect of the virus, disasters continue to occur. Each affected country has experienced their own unique incident/s. e.g. building collapses and fires, transport casualties, flooding, cyclones and storms, volcanos and earthquakes, bushfires – the list goes on.

The aim of Forensic Odontology is to support our authorities/governments in the identification process within their DVI management plan. As members of this APFO Group, we can also support each other in the DVI process, especially in the retrieval of Ante Mortem dental data (records, radiographs, models, etc).

In many disaster incidents within the list of deceased there will be international victims, especially in air disasters. For example, within Australia it is estimated (we say “guesstimated”) that on domestic flights, internal flights within Australia, that there will be approximately 10 % plus of international passport holders. To have contact through the APFO Group, members’ retrieval of the deceased’s records can be easier and quicker by using direct email or phone contact with fellow members.

To facilitate this contact it is essential contact details of a country’s Odontology representative is readily available. Each country’s contact should be listed with Interpol and most importantly within our region through the APFO Group membership data base. It is essential that updated contacts be held in both our data base and with Interpol. As we all know, contacts will change as new people take over responsibilities and administration positions.

For the Group to have this information available to each member we ask that you forward to this email address current names, emails and phone contacts of your country’s Forensic Odontology representatives. Ideally it would be good to have two (2) contacts per country. This

would eliminate the possibility of a sole representative not being available.

To continue with the issues of collecting ante mortem (AM) dental data we would like to emphasize the difficulty within this Phase of the Dental DVI process. AM data collection can be equally or even more difficult to achieve than the postmortem (PM) phase.

We know that each country will have their own dental data collection process that works for them. To help support your processes in the next issue of this Newsletter we would like to present some guidelines and ideas that have helped us in our involvement with forensic Odontology over the past 30 years. Hopefully they will be useful in establishing your country's protocols.

Remember to forward your country's updated Odontology contacts.

***Alone we can do so little; together we can do so much.***

Best Wishes and Enjoy 2022

Jayanie and Stephen

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[stephenknott@bigpond.com](mailto:stephenknott@bigpond.com)



#### Did you know!

**By the RESOLUTION No. AGN/65/RES/13 in 1996**

**The INTERPOL RECOGNIZED** that for legal, religious, cultural and other reasons, **human beings have the right not to lose their identities after death**, and that the identification of disaster victims is often of vital importance for police investigations.

#### DVI News



Dr Selina Leon from Australia was elected to the post of Deputy Chairperson, Forensic Odontology Sub-Working Group, INTERPOL DVI Committee.

Selina wish to convey her humble thanks to those who supported her in the election



Howard Way former chair of the INTERPOL DVI Working Group has recently retired from the Metropolitan Police

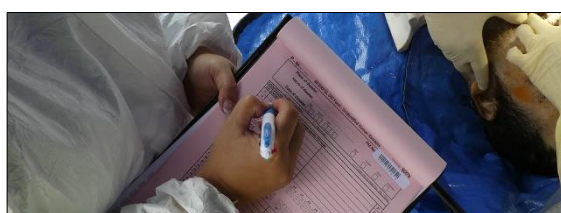
/ New Scotland Yard and set up a company to deliver DVI training and provide operational support. "DVI Resilience" has been operating since January 1<sup>st</sup>, 2022.

DVI Resilience will be delivering the DVI Investigator Course to agencies in various countries in the Caribbean, Europe, Middle East, Africa & Asia over the next year. The course focuses on missing person investigation, investigation at the scene, investigation at the mortuary, reconciliation investigation, identification standards, plus case studies. Delegates are trained in use of the Disaster Victim Recovery Booklet, plus the INTERPOL

For more details you can contact Howard via the website: [www.dviresilience.com](http://www.dviresilience.com)

## Our Members' contribution to the Hungary DVI lecture Series

DVI Interpol Hungary's Dental Unit has been active during the period where all physical meetings and conference were banned or postponed. They have been organising regular Zoom presentations with renowned international lecturers on divers DVI and forensic themes. Some of our members made their valuable contribution toward this lecture series.



DVI Interpol Hungary's Dental Unit invites you to a presentation by Dr. Selina Leow (Australia) on "DVI Scene (Phase I) training in Sydney - A learning experience for all"



Dr. Selina Leow

Zoom Meeting ID: 824 9951 4974  
Time: Sep 16, 2021 08:30 PM (CET)  
Budapest Time



DVI Interpol Hungary's Dental Unit invites you to a presentation by Drg Peter Sahelangi DFM (Indonesia) on "Forensics in suicide bombings - DVI operations"



Drg Peter Sahelangi

Zoom Meeting ID: 836 4485 6077  
Time: Sep 30, 2021 08:30 PM (CET)  
Budapest Time



DVI Hungary's Dental Unit invites you to a presentation by Dr. Parul Khare Sinha "Dental Bioarchaeology to solve mysteries behind death"



Dr. Parul Khare Sinha

Time: Feb 10, 2022  
08:30 PM CET (Budapest Time)  
Zoom Meeting ID: 857 7421 8195



## Demise of a Legend

Late **Nak-eun Chung** (1957) pioneered the South Korea DVI activities. He joined the National Forensic Services as a Forensic Pathologist in 1995, and in that year, a department store building in Seoul central area collapsed, resulting 02 deaths. This incident

made him initiate the development of the mass disaster victim identification system in Korea. He was behind the successful management of many mass disasters in Korea and abroad. The Sealand youth training center fire in 1999(23 victims including 19 children), the Gimhae airchina crash in 2002(128 victims), the Daegu subway fire disaster in 2003(192 victims), and the Southeast Asian tsunami in 2004(Thailand), are some of them.

Waiting and Condolence - DVI manual and the Mass disaster identification manager (MIM) program reflects his devotion to the DVI work. He was the inaugural chairman of the APMLA and held the position for 2 consecutive terms. His warm smile, generosity, will be missed by many.

May his soul rest in peace!



## DVI Capacity Building Activates in the Region

### Japan



An online training session on DVI and Management of the Missing Persons were organized for the Japanese responders by the Iwate Medical University on July 11, 2021. This training was, on the Interpole DVI Protocol.

Dr. Evi Untoro from Indonesia, Dr. Ranjeet Singh from India, and Prof. Dr. Emilio Nuzzolese from Italy were the resource personnel. Among the participants were forensic pathologists, forensic odontologists, coroners and investigators, about 80 participated in this online training session.

Since the response to disaster victims in Japan is carried out according to an original method, many participants were impressed by the response method following in the Interpol DVI protocol. It was an eye opener for many of the participant.

### Indonesia



In June 2021 DVI Indonesia in collaboration with the Australia Federal Police conducted a ToT to increase the capacity of the trainers and to standardize the training and the curriculum. The training was held in Jakarta. All 20 participant successfully completed the ToT and was qualified for the Indonesia National Certification.



DVI Indonesia conducted a regional training in the North Kalimantan in November 2021. The attendees were DVI practioners and first responder of the province. The training was focused on victim evacuation and ante mortem data collection.



## Disasters and the success stories in the Regions

During 2021, across all region of **Indonesia** suffered from several disasters such as landslide, flood, boat sinking due to storm, plane crash and fire.

**It has been an active year for the Indonesian DVI team especially for the odontologists**

### 1. DVI OPERATION SRIWIJAYA SJ-182



Sriwijaya Air Flight 182 domestic passenger flight which was scheduled to fly from Jakarta to Pontianak, Indonesia on 9<sup>th</sup> January 2021. Five minutes after departing from Soekarno–Hatta International Airport the Boeing 737-500 crashed into the Java Sea off the Thousand Islands, killing all 62 people onboard. The DVI team was able to identify 59 individuals.

### 2. Tangerang prison

The Tangerang prison fire was a fire that occurred in an prison block in the city of Tangerang, Banten, Indonesia,



in Greater Jakarta. The fire began at about 01:45 WIB on 8 September 2021 in sector C of the Tangerang prison, killing 41 inmates and injuring a further 75. More victims succumbed to their injuries on the following days, raising the death toll to a total of 49 people. The DIV team with the assistance of the experts were able to establish the identity of all the victims despite the severe burns.



### 3. SINKING BOAT IN JOHOR BARU – MALAYSIA



21 Indonesian illegal migrants died while trying to cross over to Malaysia on 15<sup>th</sup> December 2021. The Indonesia DVI team together with Malaysia experts were able to identify 19 victims.

**1. Disaster victim identification by kinship analysis: the Lampedusa October 3rd, 2013 shipwreck**

Bertoglio B, Grignani P, Di Simone P, Polizzi N, De Angelis D, Cattaneo C, Iadicicco A, Fattorini P, Presciuttini S, Previderè C. *Forensic Science International: Genetics*. 2020 Jan 1;44:102156.

**2. Disaster victim identification operations with fragmented, burnt, or commingled remains: experience-based recommendations**

de Boer HH, Roberts J, Delabarde T, Mundorff AZ, Blau S. *Forensic Sciences Research*. 2020 Jul 2;5(3):191-201.

**3. Belgium experience in disaster victim identification applied in handling terrorist attack at Brussels Airport 2016**

Beauthier F, Van de Voorde W, Lefevre P, Beauthier JP. *Forensic Sciences Research*. 2020 Jul 2;5(3):223-31..

**4. The 2018 California wildfires: Integration of rapid DNA to dramatically accelerate victim identification**

Gin K, Tovar J, Bartelink EJ, Kendell A, Milligan C, Willey P, Wood J, Tan E, Turingan RS, Selden RF.. *Journal of forensic sciences*. 2020 May;65(3):791-9.

**5. The social history of disaster victim identification in the United States, 1865 to 1950.**

Daniel V. *Academic Forensic Pathology*. 2020 Mar;10(1):4-15.

**6. Letting go and saying goodbye: a Nepalese family's decision, in the Ethiopian Airline crash ET-302**

Dahal S. *Forensic Sciences Research*. 2021 Oct 19:1-2.

**7. Forensic odontology identification response to terrorist attacks in Paris November 2015**

Toupenay S, Cheikh AB, Ludes B, Felizardo R. *Forensic Sciences Research*. 2020 Jun 8;5(3):214-22.

**8. Odontological identification dental charts based upon postmortem computed tomography compared to dental charts based upon postmortem clinical examinations.**

Jensen ND, Ulloa PC, Arge S, Bindslev DA, Lynnerup N. *Forensic Science, Medicine & Pathology*. 2020 Jun 1;16(2).

**9. Perspective on Forensic Odontology and COVID-19.**

Sarode SC, Augustine J, Sarode G, Gopalakrishnan D, Patil S. *The Journal of Contemporary Dental Practice*. 2020 Aug 1;21(8):819-21.

**10. Pakistan's position in the world of forensic odontology and dental records.**

Syed FM, Shoro S, Manica S. *Journal of Forensic Odonto-Stomatology*. 2020 Sep 1;38(2).

**11. Human identification and human rights through humanitarian forensic odontology**

Nuzzolese E, Lupariello F, Pietrantonio R. *Cureus*. 2020 Mar; 12(3): e7400. Published online 2020 Mar 24. doi: 10.7759/cureus.7400

**12. Management of The Dead and Missing People in the Easter Bombings in Colombo, Sri Lanka.**

Weeratna J, Tennakoon A. *Journal of Clinical and Health Sciences*. 2021 Jun 30;6(1 (Special)):59-67.



## Upcoming Courses



### HD Forensics and Mercyhurst University Present: 2022 Forensic Anthropology Short Courses

#### In Person Courses

**Comparative Osteology**  
May 22-26 | \$699 | Erie, PA

**Forensic Odontology**  
May 26-28 | \$399 | Erie, PA

**Forensic Osteology**  
May 30-June 3 | \$699 | Erie, PA

**Outdoor Crime Scene Reconstruction**  
June 6-10 | \$699 | Erie, PA

**3D Scanning Methods for Forensic Scenes and Evidence**  
June 13-17 | \$699 | Erie, PA

**Fatal Fire and Mass Disaster Scene Recovery**  
July 25-29 | \$699 | Erie, PA

#### Online Courses

##### FULL-TERM COURSES

- Fatal Fire Victim Recovery (20 hr)
- Forensic Analysis of the Human Dentition (15 hr)
- Forensic Archaeology and Outdoor Crime Scene Reconstruction (34 hr)

##### CONTINUING EDUCATION COURSES

- Recovery and Interpretation of the Fatal Fire (8 hr)
- Forensic Archaeology and OCSR:
  - Intro and Overview (8 hr)
  - Adv Methods I (8 hr)
  - Adv Methods II (8 hr)
- Forensic Odontology:
  - Dental Anatomy (4 hr)
  - Dental ID (4 hr)
  - Dental Aging (4 hr)



Dr. Dennis Dirkmaat, Ph.D., D-ABFA  
hdforensicsllc@gmail.com  
HDForensics.com

10% Discount for  
Multiple Courses

For details: Dennis Dirkmaat  
hdforensicsllc@gmail.com

## WORKSHOP - The Scientific Approach to Human Identification



### IACME 2022 Annual Training Symposium

Advanced Course also Available Virtually this Year

Hosted by

THE CLARK COUNTY OFFICE OF THE  
CORONER/MEDICAL EXAMINER (CCOCME)



LAS VEGAS, NV

JULY 17-22, 2022

GOLDEN  
NUGGET HOTEL

For details: [www.iacme.com](http://www.iacme.com)



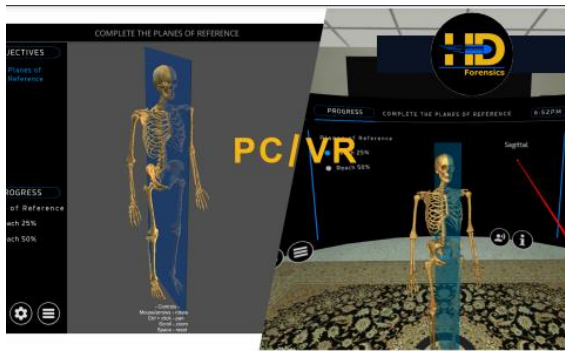
VICTORIAN INSTITUTE  
OF FORENSIC MEDICINE



### Academic Programs - Short Course

#### Analysis and Interpretation of Skeletal Trauma

20th -23rd June 2022 for details:  
<https://shop.monash.edu/analysis-and-interpretation-of-skeletal-trauma-shortcourse-2021.html>



### DO YOU WANT TO LEARN OSTEOLOGY BUT DON'T HAVE ACCESS TO A SKELETON?

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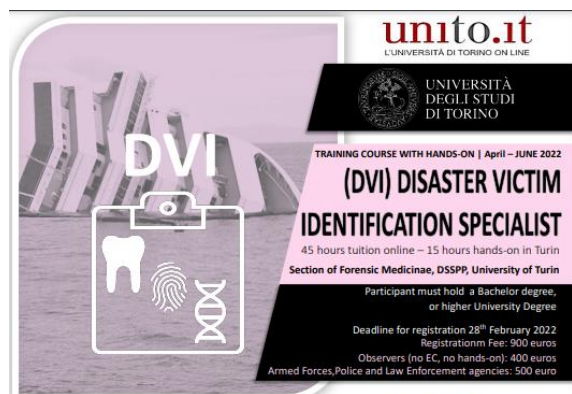
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hdforensicsllc@gmail.com



#### TRAINING OBJECTIVES

This training course provides the opportunity to develop knowledge and skills in the management, technical and forensic activities related to Disaster Victim Identification following a mass disaster, major accidents or terrorist attack. Human identification procedures and sample collection will be presented, illustrating Interpol DVI guidelines and military dentistry principles of the NATO STANAG2464.

#### COURSE OUTLINE

- Mass Disaster Management
- Civil Protection activities
- Role of Interpol, NATO and Armed Forces
- Disaster Victim Identification (DVI) Process
- DNA collection and analysis
- Dental Autopsy and Dental radiology
- Ridgeology and fingerprint collection
- Introduction to forensic anthropology
- Ante-mortem/Post-mortem data reconciliation
- Humanitarian aspects
- Hands-on training (3 days)

#### CALENDAR

1 April 14:30 - 18:30  
2 April 9:00 - 14:00 10 June 14:00 - 18:00  
12 April 15:00 - 19:00 13 June 9:00 - 14:00  
13 May 14:00 - 18:00 24 June 14:00 - 18:00  
14 May 9:00 - 14:00 25 June 9:00 - 14:00  
Hands-on training at Section of Forensic Medicine in Turin 8-9-10 June 2022  
9:00 - 13:00

Thank You for Participation to BLAKE KENYON

Registration is open to all (Ph.D. graduates, forensic), with [emilio.nuzzolese@unito.it](mailto:emilio.nuzzolese@unito.it)  
Section of Forensic Medicine, Department of Public Health and Forensic Sciences, University of Turin, Italy

[emilio.nuzzolese@unito.it](mailto:emilio.nuzzolese@unito.it)

Event Calendar		
Date	Title	Contact Information
2022		
21 <sup>st</sup> -25 <sup>th</sup> February	74th AAFS Annual Scientific Conference Seattle, Washington. <b>Hybrid Event</b>	<a href="http://www.aafs.org/annual-conference">http://www.aafs.org/annual-conference</a>
28 <sup>th</sup> – 31 <sup>st</sup> March	4 <sup>th</sup> International Conference of Forensic odontology and Child abuse	<a href="https://forms.gle/NpAMFHECP3civBa8A">https://forms.gle/NpAMFHECP3civBa8A</a>
28 <sup>th</sup> March-1 <sup>st</sup> April	43 <sup>rd</sup> Annual National Conference, Forensic Medicon, Lucknow, India.	<a href="https://www.iafmannualconference.com">https://www.iafmannualconference.com</a>
25 <sup>th</sup> -27 <sup>th</sup> May	8 <sup>th</sup> International Conference of Indo-Pacific Academy of Forensic Odontology	<a href="https://www.cuchd.in">https://www.cuchd.in</a>
May (exact dates to be announced)	British Association for Forensic Odontology Conference	<a href="https://www.bafo.org.uk">https://www.bafo.org.uk</a>
21 <sup>st</sup> -23 <sup>rd</sup> June	INTERPOL DVI meeting	<a href="https://www.interpol.int">https://www.interpol.int</a> <a href="mailto:ruediger.lessig@uk-halle.de">ruediger.lessig@uk-halle.de</a>
11 <sup>th</sup> -15 <sup>th</sup> September	25 <sup>th</sup> Symposium of the Australian and New Zealand Forensic Science Society (ANZFSS) in Brisbane	<a href="https://www.anzfss2022.com">https://www.anzfss2022.com</a>
3 <sup>rd</sup> week of September (exact dates to be announced)	National Conference of the Indian Association of Forensic Odontology New Delhi, India	<a href="http://www.theiafo.org">http://www.theiafo.org</a>
13 <sup>th</sup> November	Association of Forensic Odontology for Human Rights Japan Meeting Tokyo, Japan	<a href="mailto:akikokumagai0906@gmail.com">akikokumagai0906@gmail.com</a>
12 <sup>th</sup> - 15 <sup>th</sup> December	14th INPALMS Congress, Colombo, Sri Lanka	<a href="http://inpalms.org/fourteenth-congress">http://inpalms.org/fourteenth-congress</a>
To be decided	Triennial IOFOS Congress of Forensic Odonto-Stomatology	<a href="https://www.iofos.eu">https://www.iofos.eu</a>
2023		
20 <sup>th</sup> – 24 <sup>th</sup> November 2023	International Association of Forensic Sciences 2023 A combined International Symposium of the International Association of Forensic Sciences (IAFS ) and the 26th Symposium of the Australian and New Zealand Forensic Science Society (ANZFSS) in Sydney	<a href="https://iafs2023.com.au/">https://iafs2023.com.au/</a>