

Universitas 21 Dentistry – Hong Kong 2007  
*Greetings from Vancouver, Canada*



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## Forensic Odontology in the Curriculum – *the CSI Effect*

Dr. David Sweet  
The University of British Columbia  
Faculty of Dentistry  
Vancouver, Canada

Professor John Clement  
University of Melbourne  
Victoria Institute of Forensic Medicine  
Melbourne, Australia

September 28, 2007

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[www.dentistry.ubc.ca](http://www.dentistry.ubc.ca)

World Trade Center, NY, Sept. 11, 2001

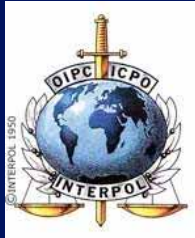


U.S. Pentagon, Washington, D.C., Sept. 11, 2001



Untitled print from **DISASTER ALBUM**

SouthEast Asia Tsunami; Dec. 26, 2004

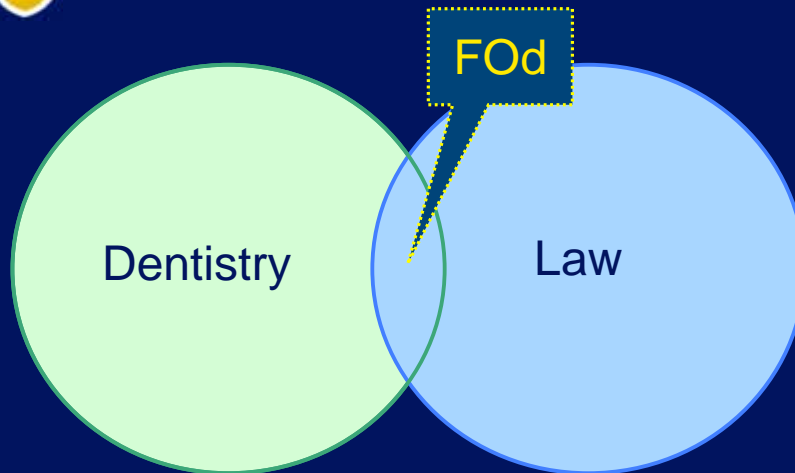


**PHYSICIANS**  
*for*  
**HUMAN RIGHTS**



**THE MISSING**  
end the silence





## Forensic Odontology

- Personal identification by means of the teeth
- Disaster victim identification
- Human and animal bite mark identification
- Domestic violence: spouse, child, elder abuse
- Professional negligence, standards of care



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## Why do we identify the deceased?

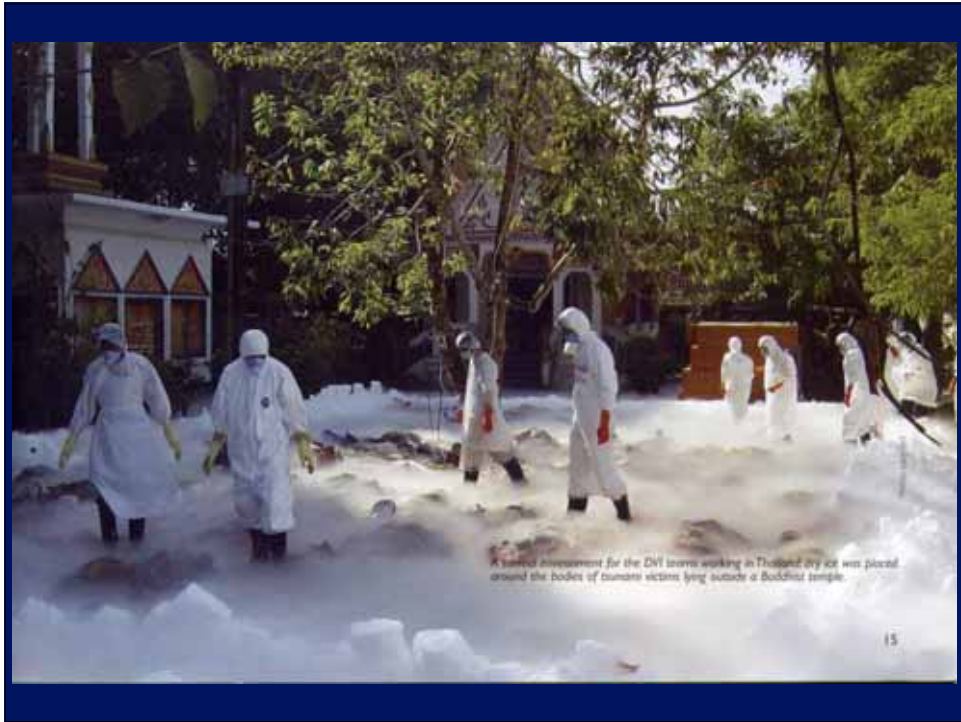
- Human dignity, grieving
- Societal need, religious beliefs
- Remarriage of the spouse
- Estate issues, life insurance
- Circumstantial evidence

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**Identifications by Major Discipline**

Dental	1420	70%
Fingerprints	624	30%
DNA	147	7%

### *Identifications by Discipline*

Dental	1101
Dental + Fingerprint	49
Dental + Physical	202
Dental + Fingerprint + Physical	63
Dental + DNA	1
Dental + Fingerprint + DNA	1
Dental + Fingerprint + Physical + DNA	3
Fingerprint	397
Fingerprint + Physical	100
Fingerprint + DNA	3
Fingerprint + Physical + DNA	8
DNA	24
DNA + Physical	110
Physical	3

Where do you obtain the data?



Who are the people that respond?



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## Competencies in the Curriculum

- Collection of dental, medical data
- Case histories, physical exam., diagnosis, treatment
- Documentation of baseline data
- Accuracy and precision of patients' charts, records
- Informed consent to treatment
- Radiology, Diagnosis, Tx Planning, All clinical skills
- Medico-legal importance of records

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## Forensic Odontology (DVI) Centers

- Australia, New Zealand
- Sweden, Norway, Denmark, Belgium
- Canada, United States
- Asia, Middle East

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## Interprofessional Collaboration in eHealth: How can U21 contribute?

Strengths of ICT's in Educational Interpersonal Contexts -

- Flexibility, resource sharing, cost effectiveness
- Overcoming distance, geographical boundaries, time zones
- Share reflections, thoughts on material with peers, others

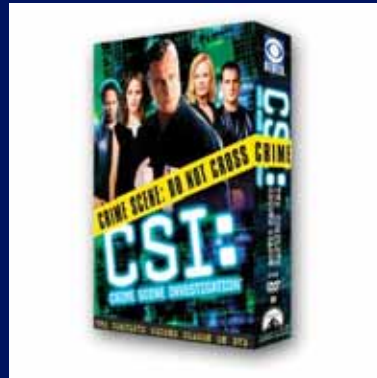
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- High-quality patient records, charts are crucial to practice success
- Clinical skills based on core competencies establish the medico-legal standard of care
- Medico-legal aspects of records, charts are complex
- Practitioners play forensic roles daily (e.g. studying recall radiographs)
- A need for increased depth and scope of knowledge exists; students are very interested

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*Aspiring to be one of the world's best universities.*



*Aspiring to be one of the world's best forensic resources.*

THE BUREAU OF LEGAL DENTISTRY

