

About OMICS Group

OMICS Group International is an amalgamation of [Open Access publications](#) and worldwide international science conferences and events. Established in the year 2007 with the sole aim of making the information on Sciences and technology 'Open Access', OMICS Group publishes 400 online open access [scholarly journals](#) in all aspects of Science, Engineering, Management and Technology journals. OMICS Group has been instrumental in taking the knowledge on Science & technology to the doorsteps of ordinary men and women. Research Scholars, Students, Libraries, Educational Institutions, Research centers and the industry are main stakeholders that benefitted greatly from this knowledge dissemination. OMICS Group also organizes 300 [International conferences](#) annually across the globe, where knowledge transfer takes place through debates, round table discussions, poster presentations, workshops, symposia and exhibitions.

About OMICS Group Conferences

OMICS Group International is a pioneer and leading science event organizer, which publishes around 400 open access journals and conducts over 300 Medical, Clinical, Engineering, Life Sciences, Pharma scientific conferences all over the globe annually with the support of more than 1000 scientific associations and 30,000 editorial board members and 3.5 million followers to its credit.

OMICS Group has organized 500 conferences, workshops and national symposiums across the major cities including San Francisco, Las Vegas, San Antonio, Omaha, Orlando, Raleigh, Santa Clara, Chicago, Philadelphia, Baltimore, United Kingdom, Valencia, Dubai, Beijing, Hyderabad, Bengaluru and Mumbai.



3rd International Conference on

Forensic Research and Technology

October 06-08, 2014 San Antonio, USA

WAWFE International Symposium: Criminal Investigation & Forensic Science



<http://forensicrosearch2014.conferenceseries.net/>

ALAN DIEGO BRIEM STAMM

Graduated Odontology DDS, from Faculty of Odontology of University National of Northeast, Corrientes, Argentina. Diploma school graduate Specialization in Legal Dentistry (University of Rosario, Argentina). Diploma school graduate Specialization in Forensic Medicine (University of Corrientes, Argentina). Diploma school postgraduate level 1 and 2 course of Forensic Odontology (University of Córdoba, Argentina). Currently pursuing at Doctorate in Dentistry, 3rd cohort at the University of Corrientes, Argentina. He is Chairman Iberoamerican Society of Forensic Odontostomatology (S.O.F.I.A). Teacher "Forensic Dentistry" in Course University Forensic Assistant at the University of Cordoba, Argentina. Professor of Forensic Odontology Police School Corrientes, Argentina. Sub Director "Forensic Science International Management" Worldwide Police Group. Professor of Forensic Odontology at level 1 and 2 Course International Forensic Science at the University of Cordoba, Argentina. Dentist Expert Forensic Medicine Division of the National Gendarmerie Argentina, in Buenos Aires city. Coordinator in Argentina for the Worldwide Association of Women Forensic Experts (W.A.W.F.E). Member assets of the Peruvian Society of the Forensic Dentistry and Criminalistic (SPOLFOC). Past Treasurer of the Argentinian Society of Legal Dentistry (S.A.D.O.L). Author of articles in scientific journals. Speaker at national and international conferences.



STANDARDS, PROTOCOLS AND GLOBALIZATION OF FORENSIC ODONTOLOGY

Alan Diego Briem Stamm
Argentina

- ***“...Forensic science has no geographic boundaries. By its very nature, it is global in nature...”***

Prof. Dr. Cyril H. Wecht, 2009

GLOBALIZATION

- "People who travel around the world every day are victims of violent crimes, terrorist attacks, accidents and natural disasters."



Bernitz H. "The challenges and effects of globalisation on forensic dentistry." Int Dent J. 2009; 59 (4): 222-4.

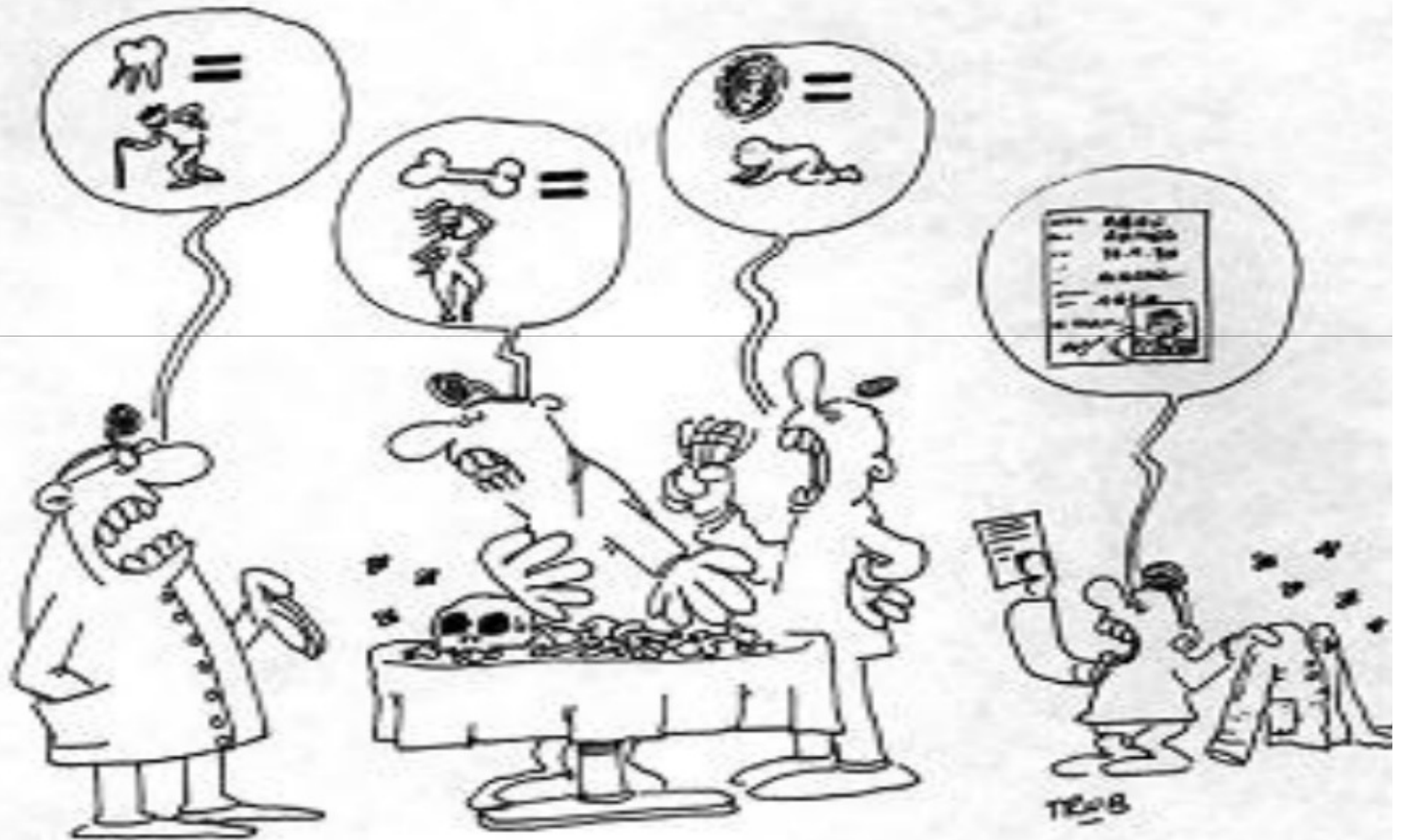
MULTIDISCIPLINARY WORK

Need to work together with colleagues around the world, seeking to unify criteria, respecting established protocols.



Bernitz H. "The challenges and effects of globalisation on forensic dentistry."
Int Dent J. 2009; 59 (4): 222-4.

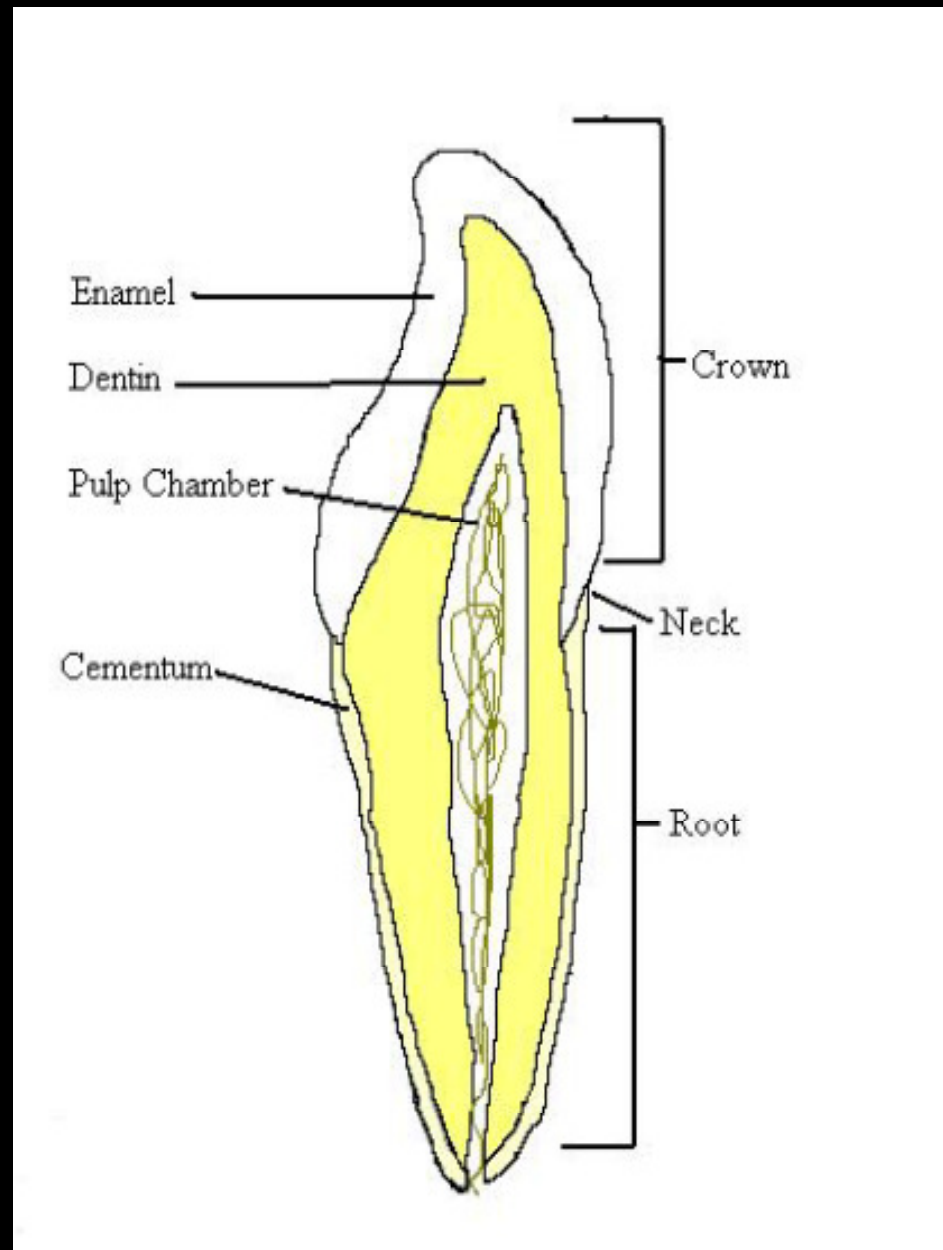
ÉQUIPE PLURIDISCIPLINAIRE ...



FORENSIC ODONTOLOGY



Bareiro et al. Forensic Dentistry in the “Ycua Bolaños” (August 2004): What is done and what can be done for the benefit of future operations. *The Forensic Oral Pathology Journal - FOPJ*. 2011; 2(3):26-32.



Tooth Structure in Cross-Section. Adapted from McLanaghan Thesis (2003).

EN LIVE PERSONS



JUAREZ HD. Multiple Bitemarks, Suck Marks and Scratches. Case Report. Forensic Oral Pathology Journal - FOPJ. 2010; 1(2):27-29.

IN DEAD



Dental Identification of Tsunami Victims in Phuket, Thailand Peter Schuller-Götzburg, 2007

IN CRIMINALISTIC



METHODS

- RECONSTRUCTIVE
- COMPARATIVE



Air France, Brasil, 2009

ANTEMORTEM DENTAL RECORD																							
SSN			LAST NAME			FIRST NAME		MI	SEX														
123-45-6789			DOE			JANE		Q	M	(F)													
DATE OF BIRTH / ESTIMATED AGE		RACE (Circle one)		COMPUTER/DESCRIPTION CODES																			
		C - Caucasoid N - Negroid M - Mongoloid U - Undetermined		1. X																			
DATE OF RECONSTRUCTION		I.D. NUMBER		2. MOD-S																			
22 Jul 04				3. MOD-S																			
				4. MODFL-S,R																			
				5. O-E																			
				6. C-NH																			
				7. C-NH																			
				8. X,P																			
				9. X,P																			
				10. X,P																			
				11. C-NH																			
				12. V																			
				13. V																			
				14. C-GQ																			
				15. X																			
				16. X																			
				17. X																			
				18. O,F-S																			
				19. DOL-S																			
				20. V																			
				21. V																			
22. V																							
23. V																							
24. V																							
25. O-E,R																							
26. V																							
27. V																							
28. V																							
29. V																							
30. O-S																							
31. C-G																							
32. X																							
WinID SYMBOLS																							
PRIMARY CODES					SECONDARY CODES																		
C CROWN	D DISTAL	F FACIAL	I INCISAL	J MISSING/TRAUMA	L LINGUAL	M MESIAL	O OCCLUSAL	U UNERUPTED	V NONRESTORED	X EXTRACTED	/ NO INFORMATION	A ANOMALY	B PRIMARY TOOTH	E RESIN	G GOLD	H PORCELAIN	N NONGOLD METAL	P PONTIC	Q 3/4 CROWN	R ROOT CANAL	S SILVER AMALGAM	T DENTURE TOOTH	Z TEMP FIL/CARIES
X-Ray Type: <u>PANO</u>		Date: <u>13 Jan 2001</u>		REMARKS																			
X-Ray Type: <u>BWX (4)</u>		Date: <u>13 Jan 2001</u>																					
X-Ray Type: <u>Per XR (3)</u>		Date: <u>26 Aug 1998</u>																					
Examiners: <u>David L. Wells, Col, USAF</u>																							

AF Form 1802

POSTMORTEM DENTAL RECORD																							
I.D. NUMBER			LAST NAME			FIRST NAME		MI	SEX														
ME04-267									M	(F)													
COMPUTER/DESCRIPTION CODES		ESTIMATED AGE		RACE (Circle one)																			
1. X				C - Caucasoid N - Negroid M - Mongoloid U - Undetermined																			
DATE OF POSTMORTEM		I.D. NUMBER		2. CG																			
22 Jul 04				3. MOD-S																			
				4. MODFL-S,R																			
				5. O-E																			
				6. C-NH																			
				7. C-NH																			
				8. X,P																			
				9. X,P																			
				10. X,P																			
				11. C-NH																			
				12. V																			
				13. V																			
				14. C-GQ																			
				15. X																			
				16. X																			
				17. X																			
				18. O,F-S																			
				19. DOL-S																			
				20. V																			
				21. V																			
				22. V																			
				23. V																			
				24. V																			
				25. O-E,R																			
				26. DL-E																			
				27. V																			
				28. V																			
				29. /																			
				30. /																			
				31. /																			
				32. /																			
WinID SYMBOLS																							
PRIMARY CODES					SECONDARY CODES																		
C CROWN	D DISTAL	F FACIAL	I INCISAL	J MISSING/TRAUMA	L LINGUAL	M MESIAL	O OCCLUSAL	U UNERUPTED	V NONRESTORED	X EXTRACTED	/ NO INFORMATION	A ANOMALY	B PRIMARY TOOTH	E RESIN	G GOLD	H PORCELAIN	N NONGOLD METAL	P PONTIC	Q 3/4 CROWN	R ROOT CANAL	S SILVER AMALGAM	T DENTURE TOOTH	Z TEMP FIL/CARIES
X-Ray Type: <u>Digital FMXR</u>		Date: <u>22 Jul 2004</u>		REMARKS																			
X-Ray Type:		Date:																					
X-Ray Type:		Date:																					
Examiners: <u>JAMES T. CASTLE, CAPT, USN</u> <u>DAVID L. WELLS, Col, USAF</u>																							

AF Form 1801

DENTISTRY

IDENTIFICATION

- Dental File.
- Oral Autopsy.
- Forensic Radiology.
- Forensic Photography.
- Bitemarks.
- Rugoscopy.
- Cheiloscopy.

Specie.

Age.

Ethnic.

Sex.

Size.

“The Big 4”

Nationality.

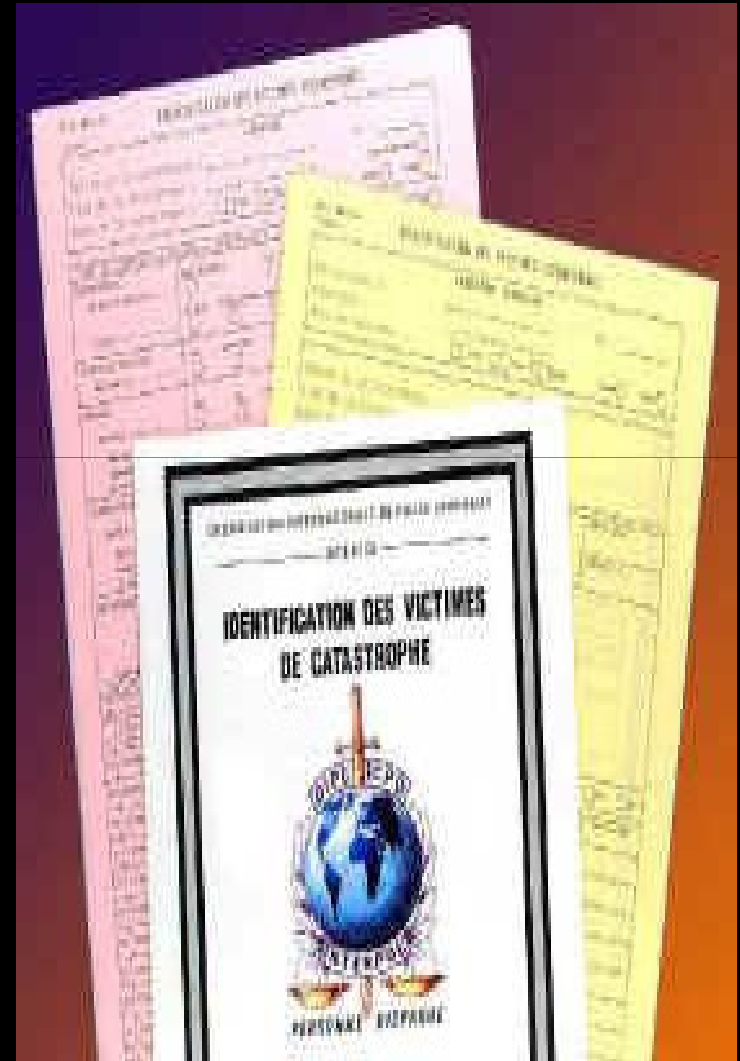
Economic Status.

Briñón, E. “Lesiones e iatrogenias en Odontología Legal”, Ed. Cátedra Jurídica
Buenos Aires, 2006.

INTERPOL

Antemortem: YELLOW

Postmortem: PINK



The primary means and more reliable identification are:

Comparative dental analysis.

Fingerprints.

DNA profiles.

DENTIST TEAM

Go Team.

Antemortem Team.

Postmortem Team.

Comparison Team.

<http://www.interpol.int/INTERPOL-expertise/Forensics/DVI-Pages/DVI-guide>

TRIAGE OF CORPSES

- ROLE OF EMERGENCY.
- Decree N° 695/09
- INTERJURISDICTIONAL ACORDED.
- Law N° 2951/08
- Buenos Aires, Argentina.

TRIAGE OF CORPSES

- Clasification:
- Minor - Major of 20 years old
- Male – Female
- Distinguishing marks



Identification bracelet

CARGA INICIAL CERRAR SESIÓN

TRIAGE DE CADAVERES

Letras Numero Estacion

Fecha: Hora: :

Lugar del hallazgo

Sexo Masculino Femenino

Edad +20 -20 Indefinido

Tipo Cadaver Resto

Cabello Claro Oscuro Calvo
 Cano

Señas Particulares Tatuaje Piercing Cicatriz

Otras

DENTAL FILE

Relieved, transmitted and
interpreted in universally form.

Two Digit System.

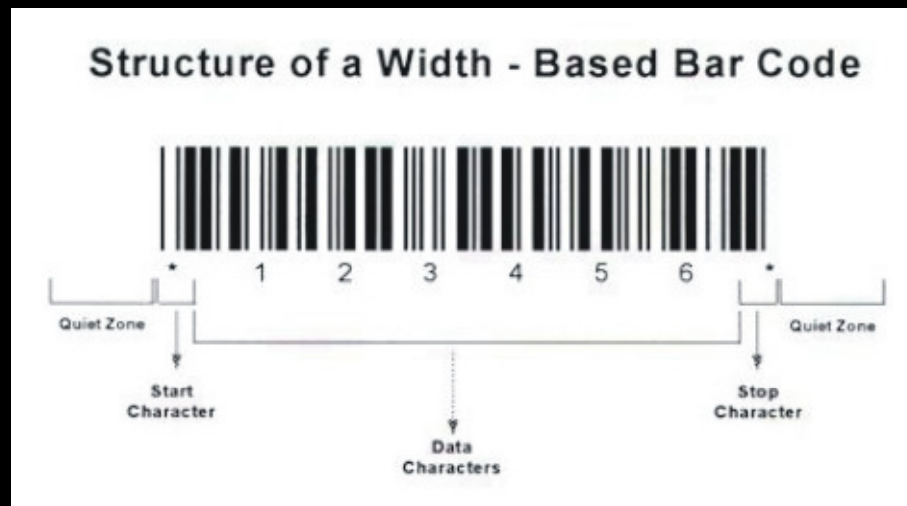
Briñón, E. "Lesiones e iatrogenias en Odontología Legal", Ed. Cátedra Jurídica,
Buenos Aires, 2006.

Resolución AOFS N°4 - Sobre Sistema de Nomenclatura Dentaria -
www.sadol.com.ar

TWO DIGIT SYSTEM

18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
48	47	46	45	44	43	42	41		31	32	33	34	35	36	37	38

F.D.I. (Dental International Federation)

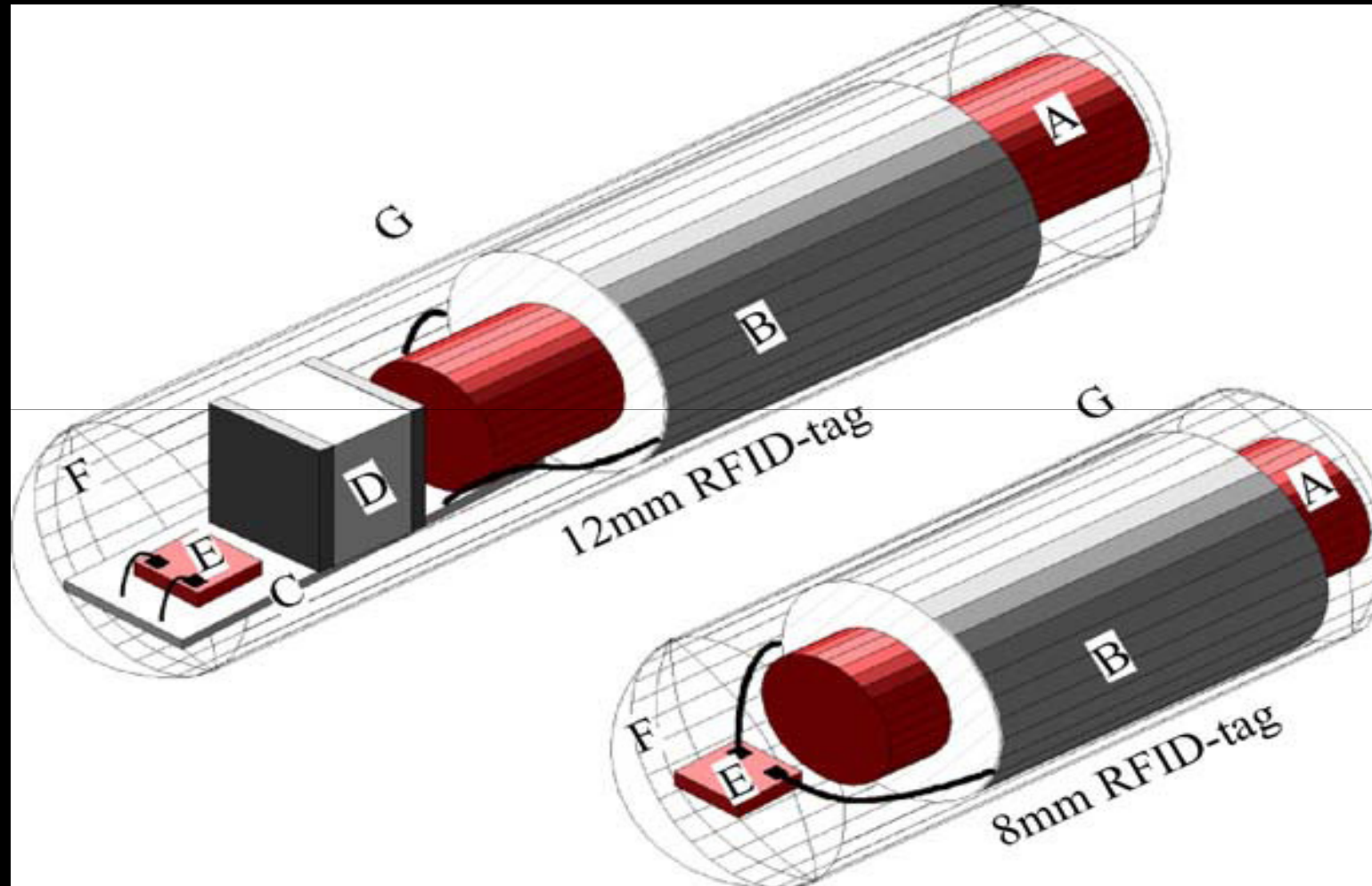


IMPLANTS

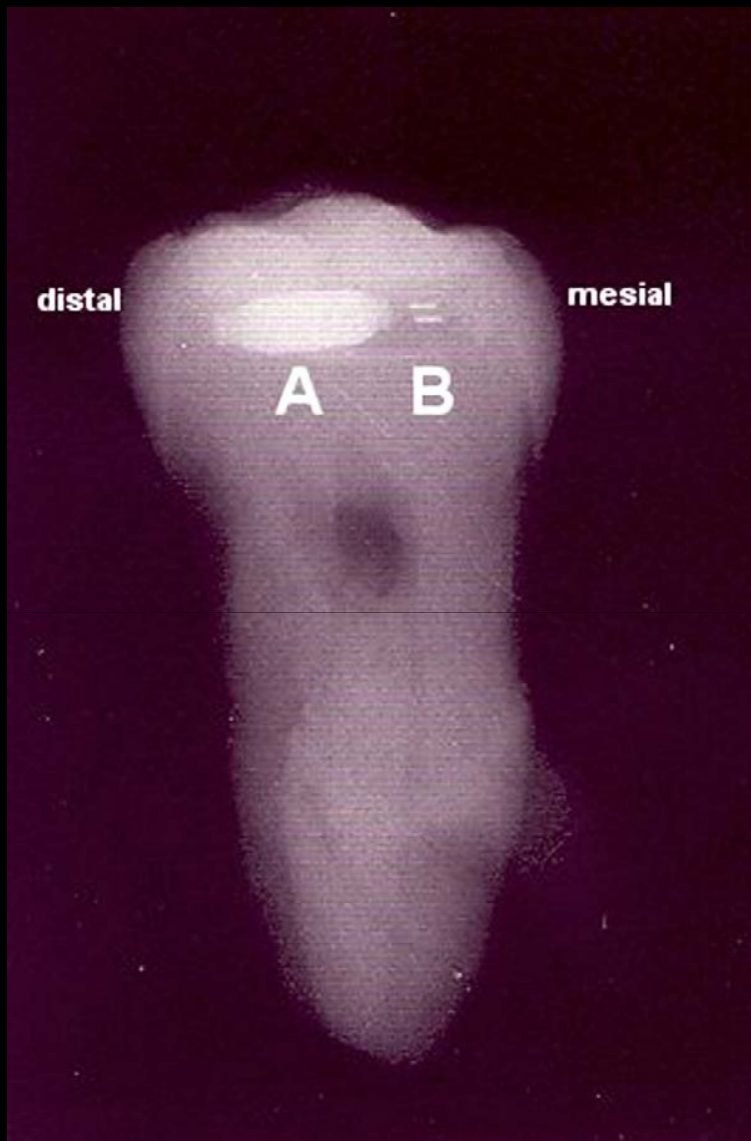


J. Berketa, V. Marino, H. James. Survival of batch numbers within dental implants following incineration as an aid to identification. *Forensic Odontostomatol* 2010;28:1:1-4)

BIOCHIP



Nuzzolese E, Di Vella G. Future project concerning mass disaster management: a forensic odontology prospectus. *Int Dent J* 2007;57:261-6.



Nuzzolese E, Di Vella G. Future project concerning mass disaster management: a forensic odontology prospectus. *Int Dent J* 2007;57:261-6.

∞ SUBJECT REVISION ∞

Estándares, Protocolos y Globalización de la Odontología Forense.
Standards, Protocols and Globalization of Forensic Odontology.

Briem Stamm Alan D.

*Especialista en Odontología Legal, Auxiliar Docente, Cátedra de Odontología Legal, Facultad de Odontología, Universidad del Nordeste (Argentina).***ABSTRACT**

A disaster is an unexpected event that causes death or wounds to a high number of persons and the condition of the bodies originates serious difficulties for the identification. The promotion of teams has been recommended for these procedures (DVI), always under protocols and standards recognized internationally. Since the teeth and its restorations can resist highly unfavorable conditions, the Forensic Odontology has played a role key in the identification of great number of victims. Though there are several different protocols for these cases, those of Interpol have turned out to be efficient or having demonstrated the need of expert and qualified odontologists integrating the DVI teams. Even if different trends and opinions have been described in the matter, it is clear that singular situations have promoted the problems of slanted conducts in the application of the odontology in the processes of identification. We present a review of some catastrophes from the odontologic forensic perspective and we propose the adherence to a constant education, to the recognized internationally standards and to the adoption of global philosophies that it keep attentive to the requirements of the function that involve the expert odontologist. Copyright © Syllaba Press 2009 - 2011. ® All rights reserved.

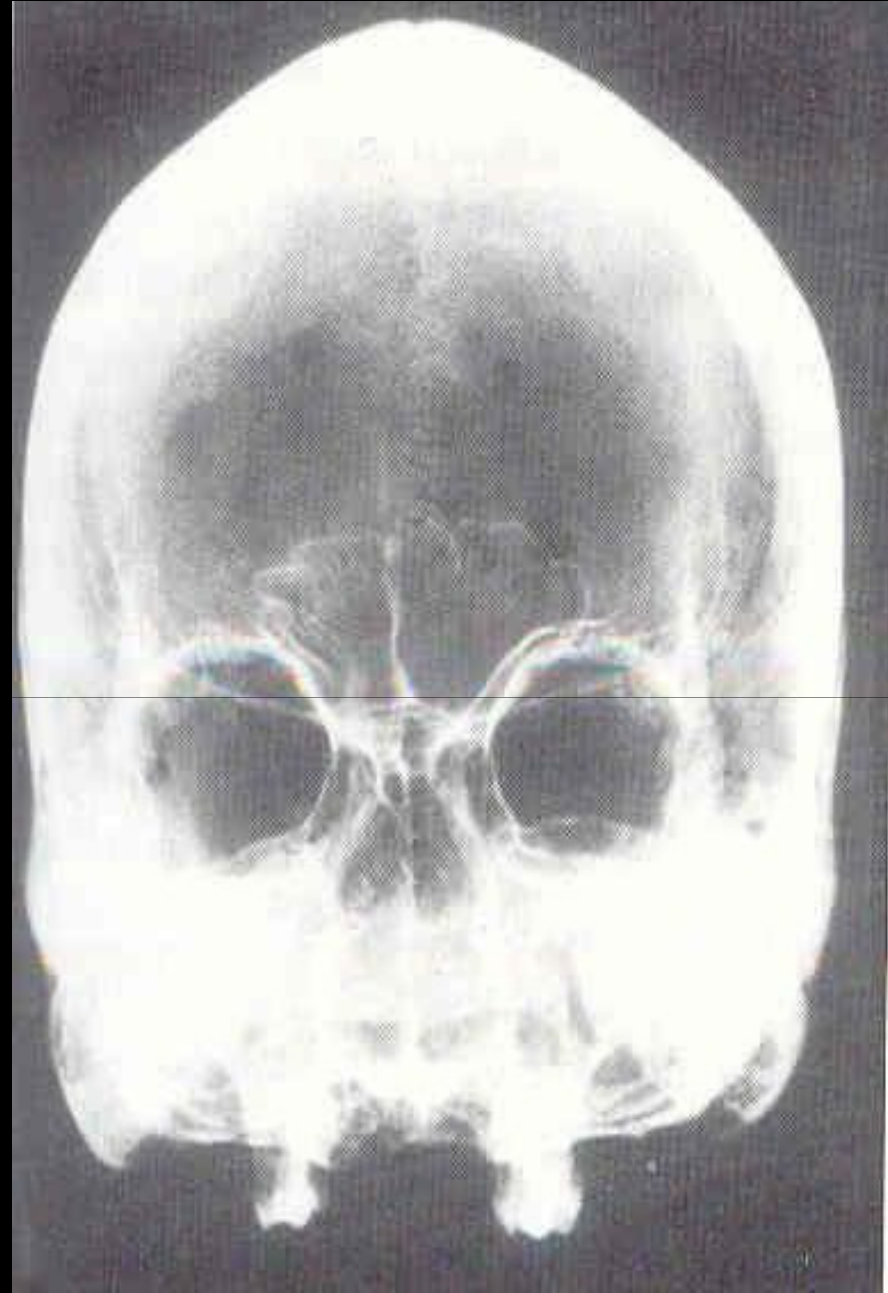
Key Words: Forensic Odontology; Disasters; Victims identification; Standards.**RESUMEN**

Una catástrofe es un hecho inesperado que causa la muerte o heridas a un elevado número de personas y el estado en que suelen encontrarse sus cuerpos origina serias dificultades para su identificación. Se ha recomendado la promoción de equipos y personal diseñados para estos procedimientos (IVC) siempre bajo la normativa de aplicar protocolos y estándares reconocidos internacionalmente. En razón de que los dientes y sus restauraciones logran

DENTAL AGE



Langland O, Langlais R, McDavid W, DeBaso A (1989) Panoramic Radiology.
2a edn. Lea & Febiger, Philadelphia



R.F. da Silva et al. The forensic importance of frontal sinus radiographs /Journal of Forensic and Legal Medicine 16 (2009) 18–23

GOLD STANDARD

- SALIVARY DNA IN BITEMARKS.



Saks MJ, Koehler JJ. The coming paradigma shift in forensic identification science.
Forensic Science 2009;309 (5736):892-5.

Int. J. Odontostomat.,
7(1):149-157, 2013.

Odontología Forense I: Las Huellas de Mordedura

Forensic Dentistry I: Bite Marks

Gabriel M. Fonseca¹; Alan D. Briem-Stamm²; Mario Cantín³; Joaquín Lucena^{4,5,6} & Agustín Bentkovski^{7,8}

FONSECA, G. M.; BRIEM-STAMM, A. D.; CANTÍN, M.; LUCENA, J. & BENTKOVSKI, A. Odontología Forense I: Las huellas de mordedura. *Int. J. Odontostomat.*, 7(1):149-157, 2013.

RESUMEN: Entre las pericias de identificación odontológica forense, los análisis de huellas de mordedura han representado un tópico actual, relevante y controvertido pues la unicidad de la dentición, la confiabilidad de la piel como soporte y sus técnicas de análisis, han visto un fuerte cuestionamiento a partir de una relevante casuística de condenas injustas. Mientras la literatura especializada y más actual ofrece una permanente revisión sobre protocolos y normas para la cualificación de pericias y peritos, la literatura de habla hispana no sostiene un ritmo similar, con una escasa o nula actualización de contenidos adecuados en procedimientos, investigación o reportes de casos. Dado que estos análisis ha

ODONTOLOGIA LEGAL

Tema Central:

TECNOLOGIAS APLICADAS ÀS PRÁTICAS FORENSES
DA COPA DE

REALIZAÇÃO:

FEFS



- The standardization of education in Forensic Dentistry, is the largest international challenge for the future.

Bernitz H. "The challenges and effects of globalisation on forensic dentistry."
Int Dent J. 2009; 59 (4): 222-4.



THANK YOU VERY MUCH !!!!

Let Us Meet Again

We welcome you all to our future
conferences of OMICS Group
International

Please Visit:

www.omicsgroup.com

www.conferenceseries.com