



**I·O·F·O·S**

**YEAR 13 : No. 4**

**DECEMBER, 1991**

# NEWSLETTER

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EDITOR: Dr.Dr.Klaus Rötzscher

## INTERNATIONAL ORGANISATION FOR FORENSIC ODONTO-STOMATOLOGY

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## 1.2. INTERNATIONAL CO-OPERATION

1.2.1. Please, multiply the NEWSLETTER and distribute copies of the NEWSLETTER to all members of your society.

If necessary, please, translate the NEWSLETTER into your language.

Please, inform the president's secretariat about your PHONE - and FAX - Number - (if you don't own a FAX yourself, use a FAX from the near: dental clinic, dealer, institute, neighbour, office, police a.e.)

1.2.2. Please, send your annual report of your member-society, your information about activities, meetings, congresses in 1992 to the president's secretariat.

See I.O.F.O.S. REGULATIONS (1987):

3 (c): Member societies have the obligation to send to I.O.F.O.S. a yearly report of their activities in forensic odontology

**Publishing your information in the NEWSLETTER means a good information of your partner.**

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**THIS IS YOUR NEWSLETTER  
WE ARE LOOKING FOR CONTRIBUTIONS  
HOW ABOUT PUTTING PEN TO PAPER  
FOR THE NEXT ISSUE**

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(This slogan - good for B.A.F.O. - good for I.O.F.O.S. K.R.)

1.2.3. **Membership fee DM 80,00 (1992).**

Make cheque, draft  
payable to the Secretary/Treasurer RA Ernst-R. Rohde,  
Address: Glauburgstraße 20, D-6000 Frankfurt/Main 1,

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**Codeword: I.O.F.O.S.  
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**Thank you**

**President I.O.F.O.S.**

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## NEWSLETTER

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INTERNATIONAL ORGANISATION FOR FORENSIC ODONTO-STOMATOLOGY

Year 13: No. 4

DECEMBER 1991

Lectori salutem

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### EDITORIAL ( President's Opinion and Report )

Dear colleagues of all member-societies around the world!  
The first year of this TRIENNIAL I.O.F.O.S. comes to the end.

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**SEASON'S GREETINGS AND A HAPPY NEW YEAR 1992,  
HEALTH, PROSPERITY,  
SANITY AND SUCCESS TO ALL OF YOURS AND YOUR FAMILIES  
DEUTSCHER ARBEITSKREIS FÜR FORENSISCHE ODONTO-STOMATOLOGIE  
Chairman Professor Dr.Dr.Werner HAHN, Vice Chairman Univ.Professor  
Dr.Jerome ROTGANS, Secretary-Treasurer Rechtsanwalt Ernst-R.ROHDE  
President I.O.F.O.S. Dr.Dr.Klaus RÖTZSCHER**

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As acting Editor, I wish to express my appreciation to all those who have sent in material and news items for publication. If the NEWSLETTER has proved to less than you expected, please try to understand that any Editor can only publish the information he receives from the membership.  
(K.A.B., NL Y 9, No.3 AUG 1987, page 3)

### **We need acceptance, not ignorance, co-operation - not isolation**

Dear colleagues, again it is both a great pleasure and a great honour for me, to inform you about the second new member in the first year of our Triennial Tour to DÜSSELDORF in 1993:

Since October 09, 1991,

#### **The Medico-Legal Society of Singapore (MLS)**

is a full member of I.O.F.O.S.! Welcome SINGAPORE! Greetings to the board of officers (see page 12) and to all members of the Medico-Legal Society of Singapore! We count 20 member-societies.

"We are on the way going forward to an European Association of Forensic Odontostomatology" (Pertti SAINIO, Kuopio, XIth Triennial Congress of Nordic Society for Forensic Medicine, Section for Forensic Odontology at UOLO, Finland, June 13/15, 1991). An equal proposal I received in September 1991 from Dr.Sergio CRISOSTOMO, Secretary of the CHILEAN SOCIETY OF LEGAL ODONTOLOGY, Lecturer, Legal Odontology Unit, Department of Legal Medicine, Faculty of Medicine, University of Chile, Santiago, CHILE. (see NL, ad 4.7. YOUR VOICE, page 11).

Dr.Sergio CRISOSTOMO is proposing an

#### **Iberoamerican Federation of Legal Odontology (F.I.O.L.).**

I believe, that we could get regional organisations the F.D.I. uses already

(see DIRECTORY 1990-1991, Headquarters London): Regional Organizations like African, Asian-Pacific, European, Iberoamerican and Northamerican.

We are looking forward and wait for the lecture of Pertti SAINIO and Sergio CRISOSTOMO and the discussion about this topic during the 13th Meeting IOFOS in Düsseldorf 1993.

They will inform the audience about the steps they did up now and about the steps they intend to go in future-time. This possibility is a very good basis for both, the Iberoamerican and the European as well, isn't it?

In 1993 the European Community (EC) opens its borders. We intend to support the creation of **regional societies** on Forensic Odontology, based on national member-societies of I.O.F.O.S. When we will have more exchange of information in our world of tomorrow, then we should not waste time. But it needs time, indeed. Let's make IOFOS stronger by the iberamerican national societies joining I.O.F.O.S.

Karl-Oskar FRYKHOLM and Lennart LYSELL from Karolinska Institute, Stockholm, Sweden, asked in 1962 all dental institutes and schools in the different continents and countries for their recording-system of teeth. The answer was surprising!  
(Different systems for the recording of teeth and teeth surfaces, Int.dent.J.12,194-207,1962).

In the dentist's world exist more than 32 different possibilities to record one tooth. This study now is nearly thirty years old and in consequence, the use of the FDI-two-digit-system recording teeth is a positive result after the surprise about the diversity in our profession. Gunnar JOHANSON and Hakan MÖRNSTAD are writing in their book (Kompendium i Rättsodontologi, page 19, 1986): There are still about 30 different recording-systems of teeth. So we arrive another part of our intention in international cooperation.

*The musicians all around the world play with the same cards:*

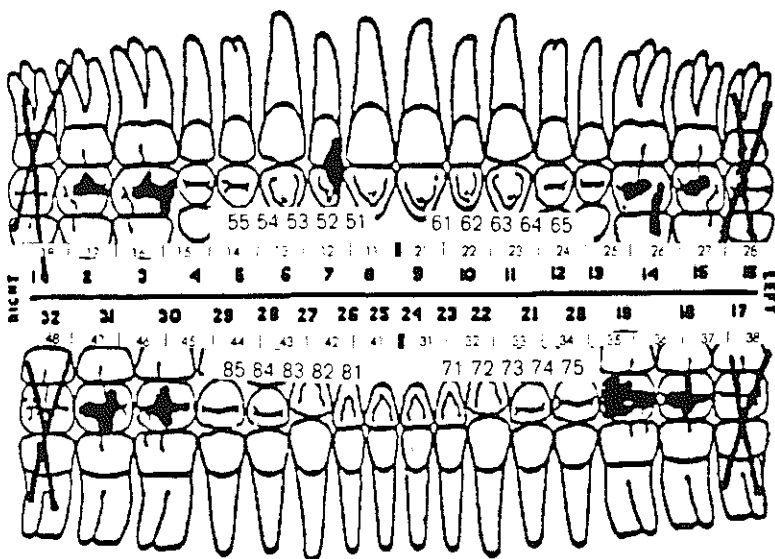
They use only one part of recording the instrumental or the human voice. So they do since centuries. Where is the difference?

*Music is an old cultural part in our life, and dentistry - is not?*

Every important dentist's school in the beginning of our century was honoured creating a special part in recording teeth (HADERUP from Denmark, ZSIGMONDY from Hungary et al.), and if their influence was strong enough, the dentists were using the different parts as their own. At the end of our millenium we should ask the old same question again, why? The studies haven't yet arrived the basis.

*Bring the studies to the base.*

**DENTAL HEALTH RECORD** MISSING TEETH AND EXISTING RESTORATIONS



Can we use the dental records (dental charts), when we all play the same "game" by that way:

Use the FDI-system. If this is not yet practicable for you use your special system as a second column (lane) parallel to the FDI-two-digit-system? So everybody in the dentist's world can read and identify the teeth we really mean. In the dentist's literature from different countries on different continents I read the recording system of teeth is already the FDI-Two-Digit-System.

But it is not.  
The diversity is still alive.

PLACE OF EXAMINATION

DATE

SIGNATURE OF DENTIST COMPLETING THIS SECTION

**13TH MEETING IOFOS, AUGUST 22ND - 28TH, 1993 DÜSSELDORF, GERMANY**

*Why Düsseldorf?* Yet the city has retained much of the original flavour of the Renish residential town. In today's "Altstadt", the legendary Old Town, one can still find the romantic alleys and squares, ancient churches and town houses, pleasant courtyards and memorials from times long since. -will be continued-

**The Executive of I.A.F.S. 1993 is nominated:**

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**President** : Prof.Dr.Wolfgang BONTE  
**Vice Presidents:** Prof.Dr.Dr.Günter SCHEWE, Prof.Dr.Michael STAAK  
**Organising Committee Chairman** : Prof.Dr.Jürgen BARZ  
**Scientific Program Chairman** : Prof.Dr.Thomas DALDRUP  
**Financial Committee Chairman** : Dr.Wolfgang HUCKENBECK  
**Social Program Chairman** : Mrs.Ina BONTE.

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One year after Adelaide looking forward

**I'll indicate the topics including The Board of Section Officers**

The plan is not something we are by fiat going to lay on the table and say: This is the way it's going to be. It has to be experienced.

**Twelve Sections are planned for the XIII. Meeting I.O.F.O.S.**

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**in DÜSSELDORF, August 22-28, 1993**

1. **Identification by Computer-Assisted Systems,**  
Electronic Assisted Identification Systems **EASY** (Hardware)  
Dr.Dr.Marianne HAGEN, Neuss and Dieter WALLMEIER, BKA Wiesbaden
  2. **Categorising of characteristics of identity.**  
Marking Dentures Code Assisted **MATURA**  
(*Katalogisierung der Identitätsmarken*)  
Antonius LUNG, ZA, Mannheim and Dr.Cyril THOMAS, Adelaide, AUS
  3. **Classification of findings (BefundCodierung) IDEAS** (Software)  
Dr.Dr.Marianne HAGEN, Neuss and Dr.Hannu MÄKELÄ, Tikkakoski, SF
  4. **Judgement - civil and criminal aspects - Legal Aspects**  
Workshop **L.A.W.** (*Begutachtung, Zivil- und Strafrecht*)  
Dr.Dr.Ludger FIGGENER, Münster and Yvo VERMYLEN, Boortmeerbeek, B
  5. **Problems of nomenclature (Nomenklatur und Befund-Probleme)**  
Dr.Dr.RÖTZSCHER, Speyer and Dr.Tore SOLHEIM, Oslo, Norway
  6. **Techniques for evaluation of forensic odontological findings**  
(*Technik der forensisch-odontologischen Befunderhebung*)  
Dr.Dr.RÖTZSCHER, Speyer and Dr.Norman SPERBER, San Diego, USA
  7. **Sex and age estimation (Alters- und Geschlechtsbestimmung)**  
Prof.Dr.Dr.Peter SCHULZ, Köln and Dr.Hakan MÖRNSTAD,  
Präsident SSFOS (Swed.Soc.For.Od.Stom.) Stockholm, Sweden
  8. **Extension of identification methods by dental treatments**  
(*Erweiterte und prophylaktisch odontologische Id.hilfen*),  
Prof.Dr.Jerome ROTGANS, Witten-Herdecke, Dr.George E. BURGMAN,  
Präsident ASFOS (American Ass.Forensic Odontology), Ontario, CND
  9. **Bitemarks and safeguarding of trace evidence (Bißspuren)**  
Dr.Klaus TEIGE, Münster and Dr.Dr.JAKOB, Basel, Switzerland
  10. **Conclusions about quality and materials in dental treatments**  
(*Art und Material zahnärztlicher Arbeiten*)  
Dr.K.KIMMEL, Koblenz and Prof.Dr.Wolfgang PILZ, Dresden
  11. **Mass Disasters (Massenkatastrophen)**  
Prof.Dr.Gunter GESERICK, Berlin and Dr.Derek CLARK, Haycroft, UK;
  12. **Injury cases and child abuse (Verletzungen, Kindsmißbrauch)**  
Dr.Dr.Klaus RÖTZSCHER and Dr.Tore SOLHEIM, Oslo, Norway
- Contacts to F.D.I., INTERPOL, W.H.O. (Kontakte zur F.D.I...)**  
Dr.Dr.Klaus RÖTZSCHER, Speyer, and  
Dr.Jean-Gabriel SCHNEIDER, Vice-Chairman of the Commission on  
Defense Forces Dental Services F.D.I., COM/6, Zillisheim, France,  
Matti TENHUNEN, Deputy Chief-Central Criminal Police, Helsinki.
- Free Papers and Posters (Freie Vorträge und Poster)**
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Prof.BONTE, Düsseldorf, President of I.A.F.S., will send me the **FIRST CALL FOR PAPERS** in the beginning of 1992.

# History (continued)

## ad 2. *SHORT HISTORY OF FORENSIC ODONTO-STOMATOLOGY*

The Teutonic tribes of the Franks, Alemanns, Goths, Vandals etc., who were looked down upon as barbarians, were the first to "legally" introduce medical experts. This was done to stop the custom of blood feuds, and thus they assigned a certain responsibility to the community. But in these days medicine did not yet have the necessary qualifications to come up to the expectations. We do not know anything of dental treatment in the Celto-Germanic history.

The codification of their laws was done at the same time when these tribes entered Roman territory: First the Visigoths under Eurich (466-488), then the Burgundians under Gundobad (474-516), who was the most important legal expert among the Germanic princes. In the 6th century these tribes were followed by the different tribes of the Franks.

In the first half of the 7th century, a "law" of the Langobards and the Alemanns, the so-called *Pactus Alamannorum*, came into existence, which was, a hundred years later, rewritten as the *Lex Alamannorum*. Both allow an insight into how medical expertise was treated in these days.

In the 8th century, the Langobards and the Franks rewrote some "laws". At the same time, the Bavarians, the Saxons, Thuringians, and Frisians recorded their own laws. Whereas the 8th century basically meant the completion of legal recordings, the

Anglo-Saxons did not finish recording laws until the 11th century, only succeeded by the Northern Germanic tribes (11th - 13th century).

The Nordic laws of the Icelandic and Scandinavian peoples, although latest in their recording, have retained a certain naturalness. The recordings of the Germanic tribes fell into oblivion; they are hardly known on the continent in the 10th century. There were very rarely new recordings of laws.

From the 11th century, the towns gained their own jurisdiction, and Germanic law was codified again. The presentation of evidence was being improved; sworn surgeons now became forensic doctors. The range of laws extends from facial injuries, bone injuries to castration, paralyse and chest injuries. The doctor and medical expert remains outside the court.

At the beginning, the proof of the truth did not trust medical testimony very much. This medical testimony was mentioned for the first time at the end of the 6th century. The surgeon had to swear - "in ferramenta" - on his surgical instruments. The beginnings of a systematic forensic medicine can be found in the big trade centres of Northern Italy.

The Italian statute law and the first German recordings of law took place at the same time. Johann von Schwarzenberg's *Bambergensis* (1507) and the first German criminal law meant the ingenious fusion of both sources.

(to be continued)

ad 3. READER'S DIGEST - REVIEW OF NEWSLETTER I.O.F.O.S.

Be the best that you can be (MLS Singapore)

**I.O.F.O.S. NEWSLETTER YEAR 4 NO.1 FEB 1982**

(editor S.Keiser-Nielsen)

*Creating an international data base on forensic dental literature was a question raised at the IOFOS General Assembly in Bergen.*

*Only the National Library of Medicine (NLM) in Washington would seem to have established a comprehensive service (MEDLARS) through which any major university can obtain write-outs (author, title, keywords, source), current and retrospective, from more than 1.200 periodicals.-*

*The table-top (home) computer has already reached the offices of many private practitioners. In another five years its capacity will have increased, its price decreased. Here again, a necessary prerequisite will be for us to agree on a standard recording system, ante- and postmortem.-*

PRESIDENT'S LETTER (I.R.HILL)

*Our constitution has to be put into a readily acceptable format, so that the day-to-day working can be effected without the need for long, non-productive debates.-*

*Although I am not in favour of holding meetings just for the purpose of having a meeting.-*

*Obviously travel is expensive, and it would be almost impossible*

*for people to travel to the four corners of the earth every few months to attend lectures and courses.-*

*About the next IAFS meeting in Oxford: We are toying with the idea of having conference pre-prints of each paper, in its entirety and not just a summary. This would ease many of the language problems.*

*It would give a permanent record of the proceedings and would remove the disappointment of not being able to be in two places at once.-*

*As the NEWSLETTER is our only official means of communication with one another, I would like to see you use it.*

*Active participation in the NEWSLETTER is a tangible way of saying thank you.-*

INTERPOL DVI-FORM

*INTERPOL called a meeting in Paris on June 2-4, 1981. The word "Disaster" should be stricken - the new form should be a "Victim Identification Form", applicable also in single cases.-*

*In Nice in early November, 1981, the recommendations and the new forms were adopted.-*

DENTURE MARKING

*Prof. Cyril J. Thomas (Dept. of Prosthetics, Faculty of Dentistry, Univ. of Stellenbosch, S.Afr.) reported in Bergen, his department has been marking dentures for over 27 months (369 sets since MAR 1979), and with good results. "I regard this as important as seat belts, fluoridation and crash helmets."-*

American Scene

*The first university-based program in forensic dentistry has been introduced by the New York University College of Dentistry in conjunction with the Office of the Chief Medical Examiner of Greater New York.-*

Australian Scene

*Dr. Anthony W. Lake (S.Austr.) reports that the ADA is actively supporting the establishment of FOS as a recognized entity.-*

European Scene

*The Danish Soc f FOS held a seminar on NOV 28th of 1981 on Dental Anthropology; the results of the dental examination of several Danish*

## **I.O.F.O.S. YEAR 4; No 2 MAY 1982**

EDITORIAL (vice-president, editor S.Keiser-Nielsen):

The INTERPOL Standing Committee on Victim Identification held its first meeting at the Paris Secretariat on March 9-10, 1982. The Secretariat had changed the dental am- and pm-forms into double-sheets (only five of the delegations had a dental expert present). Accordingly, a working group of the five dentists present was set up, with your editor as leader.- The main conclusion was, that every INTERPOL member country should be encouraged to form a national Disaster Victim Identification Team composed of a core of appropriate experts. No action was taken on this point.- The members of the Working Group are: Dr.L.Cesteleyn (Belgium), Dr.E.A.C.Kalalo (Philippines), Dr.S.Keiser-Nielsen (Denmark), Dr.E.Ruiter (The Netherlands) and Dr.Tore Solheim (Norway).- The Committee also set up a WG to develop a "Manual of Disaster Victim Identification"; its members are:Major W.Bruggeman (Belgium-leader), Dr.M.Durignon (France) and Dr.Sören Keiser-Nielsen (Denmark). As a model, the 1972 ICAO Manual of Aircraft Accident Investigation/Appendix 9 (Identification of Victims) has been chosen.-

New Journal The Dutch "Forensisch Medisch Genootschap" in Rotterdam (FMG) has sent out the first issue of its new journal "Nederlands Forensisch Tijdschrift". All articles published hold summaries in English.-

An interesting 12-page booklet has reached our desk: OPERATION IDENT-published in OCT 1981 by the Council on Prosthetic Services and Dental Laboratory Relations under the American Dental Association; R.H.Griffiths:Engraving With an Electrically Heated or Vibrating Pen- M.R.Heath: Engraving With Pencils or Commercial Felt-tip Markers- R.P.Fulton: Inclusion of Identification for Existing Dental Prostheses- A.C.Jerman: Inclusion of Identification for New Prosthetic Appliances-Th.J.Mayclin: Inclusion With Min-I-Dent Strips. Copies can be obtained from the Council above; Am Dent Assoc, 211 East Chicago Ave., Chicago, Illinois 60611, U.S.A.-

## **I.O.F.O.S. NL YEAR 4; No 3 AUG 1982**

### INTERPOL

The dental part of the new INTERPOL DVI-Form has sent its suggestions to the Secretariat in Paris; they have since been edited and translated.-

### IOFOS Business

The IOFOS Executive met in Arnhem JUN 20th in Arnhem.

Apart from the Constitution, we will attempt to distribute copies also of President's and Treasurer's Reports before the meeting.-

FDI The American Dental Association has resigned from membership of the FDI as of OCT 27th,1981. The ADA was by far the largest member association of the FDI.-

### CORRESPONDENCE

Dr.Arun Ganguli: The Home Office of the Government of India has now agreed to open a Department of Forensic Odontology under the Central Forensic Laboratory in his home town, Calcutta, as a pilot object, as a permanent branch in another six months.-

Dr.Kenneth A.Brown: The Australian Society for Forensic Dentistry was formed during the ADA meeting in Perth MAY 4th,1982.-

Dr.Tore Solheim: He has spent two exciting months as a short-term research fellow with Dr.K.A.Brown in Adelaide. He is going to pick up his family for a one-year assignment with the Department of Pathology, University of Seattle (USA).-



**I.O.F.O.S. NL YEAR 4; No 4 NOV 1982**  
EDITORIAL (editor S.Keiser-Nielsen)

Not surprisingly, our main conclusion is that recognition is never proof of identity and should never form the basis for issuing a death.

U.S.A.

New York has become the fourth state to pass a law to aid in the identification of unknown dead or missing persons.-

Both Arizona and Michigan have similar laws, however, only Arizona has a special.-

CANADA

Dr.George Burgman (Niagara Falls) attended the 1982 Annual Meeting of the Cand.Soc.Forens.Sci. in Halifax AUG 30th-SEPT 3rd. The main theme was "Forensic Science and the Third Wave"(1.Agricultural Society, 2.Industrial Society, 3.Computer/Information Society).-

SOUTH AFRICA

Prof.Cyril J.Thomas reports that the SA Society for Forensic Odonto-Stomatology participated again this year in the I.A.D.R. Congress (Sept.7-8 in Johannesburg), eight forensic dental papers being presented..-

The SASFOS now has 52 members, of which 13 are members of the IOFOS. Re-elected as Office Bearers were:Prof.C.J.Thomas (President), Prof.C.J.Nortje (Secretary/Treasurer) and Dr.D.P.Barnard (ordinary member).-

Discussions had been held with Prof.H.A.Shapiro, the doyen of the South African medical editors, *in establishing a journal of forensic odontology in South Africa*. If the scheme comes to fruition, *it is expected to become a major step forward in the recognition of Forensic Odontology not only in S.A. but internationally*, and it is hoped that it will attract contributions from all over the world.-

GREAT BRITAIN

On July 24th, the inaugural meeting of the new British Association for Forensic Odontology (B.A.F.O.) was held in London. There are

26 members to date, 19 of whom will be new members of IOFOS, and more members are expected to come. As officers were elected: Dr.B.G.Sims (President), Dr.I.R.Hill (Secretary), and Dr.J.K.Bolt (Treasurer). Welcome, indeed !-

NORWAY: A historical funeral was held in Oslo on Sept.29th 1982.

During excavation of the ruins of St.Mary's Church in Oslo in 1968, two skulls were found which were believed to be those of King Hakan V.Magnusson(deceased 1319, aged 48) and Queen Euphemia (deceased 1312); they have kept in the University Department of Anatomy ever since. These skulls were officially identified by a commission which included Dr.Tore Solheim as a dental expert. He contributed the dental age evaluation. At the ceremony mentioned, the skulls were immured in the fundament of the old Akershus Castle which, incidentally, was built by Hakan V. shortly after he made Oslo the capital of Norway.-

ANNUAL SUBSCRIPTION 1983: 23 Dutch Florins.-

**END of Reader's Digest, NL Year 4, 1982**

## ad 4. MEETINGS, CONGRESSES, NEWS, INFORMATION, YOUR VOICE

### 4.1. MEETING 1991:

#### **First Malaysia National Workshop in Forensic Odontology** PENANG, Malaysia, July 22nd-24th, 1991 **REPORT**

The first Malaysia National Workshop in Forensic Odontology spanned three consecutive days, was held at the Casuarina Beach Hotel, Penang under the auspices of the Ministry of Health, and was attended by dental specialists working with the Ministry, police and army officers and also a forensic pathologist.

Dr. Kenneth BROWN, Director of the Forensic Odontology Unit, University of Adelaide, conducted the major portion of the event which was a great success. The first lecture by Dr. BROWN was the introduction to forensic odontology, followed by aspects of forensic anthropology, tooth and age determination and also the use of computers in forensic odontology and age determination from orthopantomographs. The next day, Dr. BROWN lectured on the importance of dental record keeping and also the cultural problems associated with DVI procedures. He stressed the need to be sensitive to cultural and religious values observed by relatives of the deceased person.

The film "Operation Overdue" made by the New Zealand Police authorities was screened (Aircrash at Mt. Erebus in the South Pole). The exercise also exposed the identification teams to extra working pressures like harassment from mass-media, relatives and also politicians.

On the final day, Dr. BROWN lectured on the importance of recognition, investigation and interpretation of bite marks, followed by a practical exercise. About the difficulties encountered during a bite mark investigation a dental specialist remarked quite candidly, "Luckily this job is not my cup of tea".

Dr. PHRABHAKARAN gave a lecture on forensic photography. The final lecture was held by Mr. P. S. RANJAI, a practising lawyer who is attached with the Medical Protection Society, on the credibility of an expert witness and the acceptance of evidence in courts.

Dr. Jaswant SINGH, Director of Dental Services for Penang State, closed the workshop. It was three hectic days for Dr. BROWN, but he was able to make a considerable impact in Forensic Odontology to dental specialists and other participants, working in different parts of Malaysia.

END Dr. Sharifah Fauziah Alhabshi and  
Dr. Phrabhakaran Nambiar, Kuala Lumpur, MALAYSIA

### 4.2. CONGRESS: INTERNATIONAL SYMPOSIUM ON MASS-DISASTERS, LAUSANNE, SWITZERLAND, September 13th-14th, 1991

Lausanne, University Hospital (CHUV), **REPORT**  
Organization: DETRAZ, G., H.-R. GUJER, C. IMOBERSTEG, T. KROMPECHER

Friday, SEPT 13, nine papers were presented about air crashes and organization of intervention in case of a mass disaster, another two lectures about the importance of the pathologist's role in mass disasters as perceived by victim's relatives.

Business lunch for forensic odonto-stomatologists about the education of experts in Forensic Odontology (Chairman K. RÖTZSCHER)

Report about Zeebrugge Disaster (TIMPERMAN), report about the identification work on board the "Scandinavian Star"

(ROGNUM, OLAISEN, MORLAND et al., Tore SOLHEIM, all from Oslo).

Management of Mass Disasters; schemes of interventions:

The international and interdisciplinary collaboration in the field of forensic Odonto-Stomatology (K. RÖTZSCHER), another three papers.

The Identification-Commission of the "Bundeskriminalamt" in Germany (G. FLOSSMANN, BKA Wiesbaden) another seven papers.

Saturday, SEPT 14, Odonto-Stomatology and Identification, twenty papers (Chairmen Mrs.Prof.Anneliese KLEIN and Klaus RÖTZSCHER)

Posters: The computer-assisted Radio-Visio-Graphy-IDENTIFICATIONS. (K.RÖTZSCHER,Speyer); Use of the computer as an aid for odonto-stomatological Identification (BURKHALTER,M. and C.IMOBERSTEG, Lausanne), computer assisted stomatological identification after air crashes(E.WONNEBERG,Berlin), The preservation of dental data on the scene; Determination of the Identification characteristics of dental pulp (L.PÖTSCH et al.,Mainz), Ammonia storage tank explosion-case report (A.GARMUS,Vilnius, LITHUANIA). The Lausanne Conference went very well (Dr.Derek CLARK,Sudbury,UK)  
Klaus Rötzscher, Speyer

**4.3. NEWS** *Your Newsletter - part of culture in Forensic Odonto-Stomatology. The real question isn't where ideas come from. It's where they go and how they get there (The European, Oct 1991)*

**4.3.1. BAFO NEWSLETTER SUMMER 1991** *Editor Dr.Freddie MARTIN*

55 delegates from Bedfordshire, Kent, Manchester, Surrey and West Yorkshire attended the CHATHAM SPRING MEETING, which had two themes: Zeebrugge and Forensic Photography. The workings of "CAPMI" (Computer Assisted Post-Mortem Identification) were explained by Mr GOON. Channel Tunnel security (D.I.MURPHY), Kenyon Emergency Service, John NICHOLLS gave an account of his vast experience of disasters in his usual inimitable and amusing style, Photography (Dr.Raymond PETRE, scientific support manager with the West Yorkshire police), Lasers and Fluorescence (Ken CREER), Ultra-violet photography (Jackie LOVELL), Microphotography, Scanning electron microscopy and spectroscopy (Mr.RAWLE, Cardiff University).

Dates for your diary 1992:

- 1.1. 4th Cross Channel Conference April 9-11, Maastricht, Holland  
Dr.Frits BUJIZE,8 Quales van Uffordlaan,6271 HS, Beenekom,Holland,
- 1.2. 4th Indo-Pacific Congress on Forensic Medicine, Bangkok,  
(no date), Dr.Tassana SUWANJUTHA, Henry Dunant Road, Bangkok 10330.

A letter from Trinidad&Tobago:

Trinidad is the most industrialised island of the Caribbean (oil,natural gas,iron, steel, agriculture, fishing) with a population of 1,2 million and a racial mix (48% Negro ,48% Indian, few Chinese,Portugese,Spanish, Caucasians) 100 dental practitioners (Andy MILES, Dental Association of T&T).

NEW ORLEANS, Febr 1992: The ASFO - American Society of Forensic Odontology - and the AAFS -American Academy of Forensic Sciences - hold their meetings together. We could be about 40 strong and it would give us the chance to support George E.BURGMAN in this joint venture. (Freddie MARTIN, President BAFO)

Thank you very much, dear Freddie for sending me the BAFO NL. !  
Definitely we'll see us again in N.O. in 1992. Klaus Rötzscher

**4.3.2. BOLETIN DE LA SOCIEDAD DE ODONTOLOGIA LEGAL DE CHILE**  
(Year 8, No 1, 1991) *Responsible Editor Dr.Sergio CRISOSTOMO*

Introduction of Dr.Alberto Correa RAMIREZ, President of C.I.E.F., author of the books "Estomatologia Forense" and "Identificacion Forense"(Editorial Trillas).C.I.E.F.means co-operation of national investigators and consultants in the field of Forensic Odontology, including postgraduate education (buletin page 6-13).

(Interview Sergio CRISOSTOMO Q. and German OCHSENIUS R.)

Introduction of Dr.Luis R.Toribio SUAREZ, President of the Forensic Odontology Section of the Medico-Legal Society of Cuba (buletin page 14-16).

Cuba is the place of Dr.Oscar AMOEDO, who was born in Matanzas, where Dr.Luis R.Toribio SUAREZ also is born.

Forensic Odontology in Cuba exists since 40 to 50 years. In 1944 a National Society of Forensic Odontology was founded by the initiator Dr.CASTROVERDE. In 1946 the First Panamerican Congress of Forensic Odontology was celebrated at Havana together with Forensic medicines and Criminalists, attended by prominent Brasils and Venezuelans.

In Cuba exist 6 dental schools, in Habana the Faculty of Stomatology and in Matanzas, 120 km far from Habana, a department of the University of Habana. Postgraduate education is included since 1990. The interest in Forensic Odontology is great. 60-70% of the assistants are female, the majority of dentists is female. Cuba will organise in the future-time an International Congress in Forensic Stomatology.

(Interview Sergio CRISOSTOMO Q. and German OCHSENIUS R.)

Thank you for sending me the Buletin of S.O.L.CH., dear Sergio !

About F.I.O.L. please read 4.7.YOUR VOICE in this NL IOFOS. K.R.

4.3.3. **Nordisk Rettsodontologisk Forening Newsletter**, Vol.7 No.2-3 SEPT 1991 Scandinavian Society of Forensic Odonto-Stomatology  
*Editor: Wencke STENE-JOHANSEN*

Editorial..when we attend the International Congress on Dental Law, Leuven, Belgium Aug 19-22, 1992, we will combine it with a journey into the Alsace,France.. The Chairman's page.. The next nordic Forensic Science Meeting is planned in 1994, OSLO, Norway. Organising committee Prof.OLAISEN. Included will be criminalistic, like in IAFS "forensic science".. OULU-report: A common Nordic computer program for DVI was suggested and a committee come up with suggestions (Tore SOLHEIM).

Follows an article: Accuracy in establishing identity by means of intraoral radiographs, authors Helene BORRMANN and Hans-Göran GRONDAHL, J. For. Odontostom., Vol 8, No 2 Dec 1990..The Nordic Forensic Society's General Assembly took place in Oulu, June 15, 1991. Tore SOLHEIM was the elected new Chairman, and Per Kristian SUNDNES Secretary.. (Per Kristian SUNDNES)

The Swedish Forensic Society gave a course in age determination in Stockholm. Description of methods used for measuring the time since the individual died and a profound description of the most frequently used methods for chronical age determination in different age groups. (Wencke STENE-JOHANSEN)

Thank you very much for sending me your NL, dear Wencke !  
Oulu was a good place for Forensic Odonto-Stomatology! K.R.

4.4. **79TH FDI WORLD-CONGRESS** October 7-13, 1991, MILANO (ITALY).  
**REPORT will be published in NL 1, YEAR 14 MARCH 1992**

**4.5. SYMPOSIUM ARBEITSKREIS FÜR FORENSISCHE ODONTO-STOMATOLOGIE**  
Oct 13, 1990, Mainz, GERMANY **REPORT**

RA Ernst-R.ROHDE (lawyer,secretary/treasurer IOFOS) informed about the rules and contacting points between law and the dentist's profession (civil and criminal law).- Prof.SCHÜBEL, Düsseldorf, reported about his experiences in identification cases of unknown bodies in co-operation with the police and forensic medicine. He is of the opinion, the forensic odontologist should very early work together with the id.team for acceleration the id.process.-

Dr.Dr.Marianne HAGEN, Düsseldorf,introduced the computer-assisted identification-system of the BKA (Bundeskriminalamt) Wiesbaden. The system is based on the quadrants of the jaws (computer-quadrant-method). Getting good results by comparing antemortem dates with postmortem dates is complicated by the unsatisfying system of recording only details, paid by the insurance, in Germany.-

Exact registration of treatments is not paid, therefore it is not done (yet).-

Mr. WALLMEIER, criminalist from the BKA, came to the same conclusions. The system is already used by the BKA Wiesbaden. He hopes,co-operation between BKA and the AKFOS will proceed.-

Prof.ZIEGLER, Kiel, informed the Arbeitskreis about "Legal aspects in Pharmacy - and Dentistry". Control by the state (Bundesgesundheitsamt -BGA) is necessary and co-operation between Kassenzahnärztlicher Bundesvereinigung (KZBV) and Bundesverband Deutscher Zahnärzte (BDZ) and the BGA is indicated.-

Dr.Dr.Ludger FIGGENER, Münster, informed about the necessity of an exact documentation of the dentist's daily work.- (Prof.Dr.Jerome ROTGANS, Vice-Chairman AKFOS and IOFOS) **END.**

**4.6. SYMPOSIUM ARBEITSKREIS FÜR FORENSISCHE ODONTO-STOMATOLOGIE**  
Oct 19, 1991, Mainz, GERMANY, **REPORT**

TOPIC: Safeguarding quality in the dental practice: LAW.

(Chairmen: Prof.Dr.Dr.Werner HAHN, Prof.Dr.drs.Jerome ROTGANS)

M.STEUDLE introduced the legal aspects of safeguarding quality in consideration of the GRG (GesundheitsReformGesetz: National Health Service Reform Act).-K.KIMMEL informed about safeguarding quality

-The European Medical Product Act.-

L.FIGGENER: Relations between safeguarding quality and Forensic.- A.HEMPRICH: Law aspects in cases of irritating the nervus alveolaris inferior and the nervus lingualis.SALUS SUPREMA LEX AEGROTI(trends).- D.KRAMPE: Electronic Data-Processing as basis of safeguarding quality. - et al.-

General Assembly: Report of the president (Prof.Werner HAHN), and vice-president (Prof.Jerome ROTGANS), I.O.F.O.S.activities-report  
**END.** (Klaus RÖTZSCHER)

**4.7. YOUR VOICE**

Sept 1991 Dr.Sergio CRISOSTOMO, Santiago de Chile:

**THE IBEROAMERICAN FEDERATION OF LEGAL ODONTOLOGY (F.I.O.L.):**

Nowadays, there are several national and international societies that join forensic odontologists and followers of this discipline. The most important entity is undoubtedly the I.O.F.O.S., which constitutes a federation of national and regional societies of forensic odontology. To fully achieve this aim, it requires the participation of all the National Societies of Forensic Odontology throughout the world.

The formation of regional societies nationally and internationally. Therefore, I.O.F.O.S. provides a central coordinating function for forensic or legal odontology on a world base.

In consideration of these issues, it became apparent that planning an Ibero American Organization or Federation of Legal Odontology with member countries from Central and South America, Spain and Portugal should be formed.

The development of this discipline in certain Ibero american countries is at a high level, with eminent and celebrated scientific and forensic odontologists being internationally recognised. A national society cannot be expected to possess all the information about legal odontology.

Following discussions with Dr.K.A.BROWN, past president of I.O.F.O.S., I hereby wish to make the following suggestions in regard to legal odontology in this continent (Central and South America):

First, may I suggest the creation of an Ibero American Federation of Legal Odontology that would contribute to raise the level of development of legal odontology both within Central and South America and also internationally. An organization like this would seem to us as a "legal obligation", not just a forensic need, for which reason I suggest that my colleagues take up this idea for consideration.

Secondly, I would draw attention to the great value of communication between forensic odontologists from iberoamerican countries. It would be self-evident that familiarity with forensic dentists from Spanish speaking countries is a very important factor in the development of legal odontology in this part of the globe.

Equally necessary, and of fundamental importance, is the capacity to establish communication with forensic odontologists from all around the world. Therefore, I would also recommend the following items to be considered in the establishment of an Iberoamerican Federation of Legal odontology.  
**END.**

Follows the draft of regulations.

Sergio wants to commend this proposal to the favourable consideration of the forensic (legal) odontology community in Central and South America.

Dr.Sergio CRISOSTOMO Q., Secretary of the CHILEAN SOCIETY OF LEGAL ODONTOLOGY (member-society of I.O.F.O.S.), Lecturer at the Legal Odontology Unit, Department of Legal Medicine, Faculty of Medicine, University of Chile, Santiago, CHILE is proposing an IBEROAMERICAN FEDERATION OF LEGAL ODONTOLOGY (F.I.O.L.). He is convinced that such an organisation offers enormous scope in his continent.

See also president's opinion and report, page 1. K.R.

#### 4.8. INFORMATION      Would you please update your records:

##### 4.8.1. Asia

new: Singapore

##### THE MEDICO-LEGAL SOCIETY OF SINGAPORE

Society's Constitutional Aims and Objectives:

Promote medical, legal and forensic knowledge, assistance in maintaining and promoting high standards of medico-legal practice.

Foster co-operation between lawyers, dentists and forensic scientists. Organise talks, seminars, forums.

Vice **Prof.Chao Tzee Cheng**  
Dept. of Forensic Medicine  
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SINGAPORE Tel 3214927      Outram Road, SINGAPORE 0316

#### 4.8.2. Australia:

THE UNIVERSITY OF ADELAIDE, SOUTH AUSTRALIA  
FORENSIC ODONTOLOGY UNIT (AUG 21, 1991):

**POSTGRADUATE PROSPECTUS** (G.P.O.Box 498 Adelaide SA 5001)p.30  
**COURSEWORK AWARDS:** GRADUATE DIPLOMA IN FORENSIC ODONTOLOGY

Prerequisite Qualifications: Dental Surgery degree or equivalent

*Mode and Duration:*

*internal; full-time:* one year, *part-time:* at least two years

The Graduate Diploma in Forensic Odontology is designed to provide specialised training for dentists who wish to further a career in the professional field of forensic odontology.

Five subjects are included in the course beginning in 1991:

Core Postgraduate Coursework,  
Anatomy and Forensic Anthropology,  
Principles and Methods of Forensic Odontology,  
Casework in Forensic Odontology.

#### 4.8.3. Europe

Denmark

Danish office bearers, as follows (AUG 26, 1991)

**DANISH SOCIETY FOR FORENSIC ODONTO-STOMATOLOGY**

**President Dr. Jan Jakobsen Vice Dr. Peter Remvig**

Dept. of Forensic Odontology Dept. of Forensic Odontology

Royal Dental College Royal Dental College

Copenhagen, DENMARK Copenhagen, DENMARK

*new:* Secretary **Dr. Niels Steen Jense** Correspondence/Newsletter

Dept. of Forensic Odontology **Dr. Jan Jakobsen**

Royal Dental College Dept. of Forensic Odontology

20 Norre Alle Copenhagen, DENMARK

DK-2200 Copenhagen N, DENMARK Telefon 31 37 17 00

*new:* **Members** 30 Tel.int: +45 31 37 17

##### 4.8.3.1 Individual Members of I.O.F.O.S.

Professor MUDr. Boris FLALA, CSc. 1st Clinic of Stomatology,

Palackeho 12, CS-772 00 OLOMOUC (since APR 8, 1991)

Czechoslovakia (CSFR). He is the author of the book:

IDENTIFIKACE OSOB PODLE CHRUPU (Forensni stomatologie)

"DENTAL IDENTIFICATION (FORENSIC ODONTOLOGY)"

Publishers: STATNI ZDRAVOTNICKE NAKLADATELSTVI, PRAHA 1968

Dr. Nadezhda Mailis, Scientific Secretary,

All-Union Research Institute of Forensic Expertise VNIIE,

Kropotkinskaya Nab., 119034 Moscow, USSR (since AUG 9, 1991)

## **MEETINGS, CONGRESSES, ACTUALITIES, INFORMATION, NEWS in 1992:**

**MEETING** The meeting date for the Joint Meeting of  
THE BRITISH ASSOCIATION FOR FORENSIC ODONTOLOGY B.A.F.O. and  
THE AMERICAN SOCIETY OF FORENSIC ODONTOLOGY A.S.F.O. :  
Tuesday, February 18th, 1992, HYATT REGENCY HOTEL,  
New Orleans, LOUISIANA (U.S.A.).  
see information NL Year 13, No.3 1991, page 13

## **CONGRESSES**

**XXXI CONGRESSO NAZIONALE DELLA SOCIETA ITALIANA DI MEDICINA  
LEGALE E DELLE ASSICURAZIONI; XIII CONVENGO DI CRIMINOLOGIA  
E PSICHIATRIA FORENSE MAY 3rd-7th, 1992**  
see information NL Year 13, No 3, Sept 1991 page 13,14

**INTERNATIONAL CONGRESS ON DENTAL LAW, BELGIUM**  
August 19th - 22th, 1992  
see information NL Year 13, No.3 Sept 1991 page 15,16

**80TH FDI WORLD-CONGRESS** Sept 20-26, 1992, BERLIN (Germany)  
Topics: New Technologies - The Challenge of the Nineties -  
Computer-assisted Diagnosis, Interprofessional Co-operation  
et al. Further Information: Organizing Committee FDI 1992:  
Universitätsstr.71-73,D-5000 Köln 41,  
Phone: int:49+221+40 01 203 FAX:int+49+221+40 40 35

**SYMPOSIUM ARBEITSKREIS FÜR FORENSISCHE ODONTO-STOMATOLOGIE**  
Saturday, Oct 03, 1992, Mainz, GERMANY,

## **THE FIRST CONGRESS OF THE BALTIC MEDICO-LEGAL ASSOCIATION**

Oct 1-2,1992, Vilnius,LITHUANIA phone:61 50 48 fax+012 22 46 01  
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Latvia and Sanct-Peterburg.

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Band 18

## **Biß und Bißspur**

Von Prof. Dr. Dr. Rolf Endris  
1985. XIV, 351 Seiten. Geb. DM 198,-  
ISBN 3-7832-0784-3

... der Sorgfalt, mit der dieses Buch vorbereitet wurde... so haben wir mit dem vorliegenden Werk jedenfalls ein einzigartiges Hilfsmittel zur Verfügung. Ein interdisziplinär wichtiges Buch."

*Die Quintessenz*

Band 17

## **Forensische Toxikologie**

Eine Einführung in die Laboratoriumspraxis der Giftanalyse

Von Prof. Dr.-Ing. Dipl.-Chem. Klaus Dieter Pohl  
1984. X, 259 Seiten, zahlreiche Abbildungen.  
Geb. DM 128,-  
ISBN 3-7832-0983-8

Dem mit Vergiftungsfällen konfrontierten Kliniker wird mit diesem Buch der Zugang zur Giftanalytik eröffnet. Obschon sich die tägliche Laborroutine der forensisch-toxikologischen Analytik auf relativ wenige Standarduntersuchungen reduziert hat, muß sichergestellt bleiben, daß auch „exotische Gifte“ erfaßt und anschließend einer speziellen Bearbeitung zugeführt werden können. In diesem Buch wird ein Überblick über die Möglichkeiten und analytischen Verfahren der Giftanalyse gegeben.

Band 16

## **Schädelidentifizierung durch elektronische Bildmischung**

Zugleich ein Beitrag zur Konstitutionsbiometrie und Dickenmessung der Gesichtswichteile

Von Dr. Richard Helmer  
1984. X, 167 Seiten, zahlreiche Tabellen und Abbildungen. Geb. DM 76,-  
ISBN 3-7832-0883-1

... Bei der hier dargestellten Methode, ... handelt es sich zweifellos um eine sprunghafte Weiterentwicklung der Schädelidentifizierung, worüber diese kleine Monographie erschöpfend Auskunft gibt."

*Anatomischer Anzeiger*

Band 12

## **Forensische Katastrophenmedizin**

Methodik, Planung und Organisation der Leichenidentifizierung

Von Prof. Dr. Dr. Rolf Endris  
1982. X, 261 Seiten, zahlreiche teils farbige Abbildungen. Geb. DM 118,-  
ISBN 3-7832-1181-6

... Dem Autor ist es gelungen, die Notwendigkeit einer forensischen Katastrophenmedizin kritisch zu werten und beachtenswerte Hinweise für diese nicht immer leichte Aufgabe zu geben. Die Monographie bereichert das medizinische Schrifttum; sie dient allen, die sich der schweren Aufgabe der Identifizierung unkenntlicher Leichen zu unterziehen haben."

*ZWR Das deutsche Zahnärzteblatt*

Band 4

## **Praktische Forensische Odontostomatologie**

Das Gebiß als Indiz und Tatwerkzeug

Von Prof. Dr. Dr. Rolf Endris  
1979. VIII, 323 Seiten, zahlreiche Abbildungen und Zeichnungen. Geb. DM 88,-  
ISBN 3-7832-0878-5

Zur allgemeinen gerichtlichen Zahnheilkunde gehören berufsrechtliche und zahnärztliche Standesfragen, die Frage des zahnärztlichen Kunstfehlers sowie die Mithilfe beim Identifizieren unbekannter Leichen und bei der Verbrechensbekämpfung. Der Autor geht nicht nur auf fachlich kriminologische und medizinische Sachverhalte ein, sondern führt auch umfassend in die Methodologie der Identifizierung von Personen anhand derer Gebisse wie auch der Sicherstellung und Aufbewahrung dieser Erkenntnismaterialien ein. Zahlreiche Abbildungen, Graphiken und Schaubilder ergänzen das Werk.

Band 19

## **Festschrift für Horst Leithoff**

Zum 65. Geburtstag

Herausgegeben von Prof. Dr. Gotfried Walther und Dr. Hans-Thomas Häffner  
1985. XX, 638 Seiten. Geb., im Schuber DM 298,-  
ISBN 3-7832-1384-3

... ist ein bemerkenswertes und außergewöhnliches Buch ... Einhundertdreizehn Autoren ... tragen neueste rechtsmedizinische Erkenntnisse zusammen, so daß fast so etwas wie ein Lehrbuch entsteht. ... Gleichzeitig wird, weil es sich fast ausschließlich um Originalarbeiten handelt, weit über jedes Lehrbuch hinaus gegriffen."

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