F38   ABFO Image Collection: Revised and Updated 2004

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Attendees will preview images related to forensic odontology that will be available from the American Board of Forensic Odontology (ABFO). The objective is to preserve, enhance, and make available in digital format forensic odontology images previously available only as
35 millimeter slides. New and updated images are added to the collection intended for information, education, and training. The new collection features images and information available in two formats: 1) PowerPoint® presentations on specific subjects, and 2) high and low resolution image files organized into categories.

This presentation will impact the forensic community and/or humanity by providing an updated image and information resource for public and professional education and professional training in forensic odontology.

The presentation introduces, previews, and highlights available presentations and collections of images provided by Diplomates of the American Board of Forensic Odontology. Presentations detail four categories: 1) History and scope of forensic odontology, 2) Oral and maxillofacial identification in individual and multiple fatality Incidents, 3) Recognizing and evaluating bite mark evidence, and 4) Abuse of humans by humans; children, adults, and the elderly.

Imaging Process: All images taken with film cameras were scanned, digitized, and archived. Each film-based image was scanned at 2000 dpi using a Microtek ArtixScan 4000tf scanner. Enhancements were made using Adobe® Photoshop® 7.0 to correct brightness, contrast, sharpness, and color fidelity. Each image was watermarked with the ABFO logo, cropped if needed, and saved as a 72 dpi JPG and 2000 dpi TIFF format for archival purposes. Images are saved in folders by topic.

Archiving/Preservation: The archiving and preservation of digital master files will be at the University of Texas Health Science Center, Center for Education and Research in Forensics (CERF) main computer database and at a site designated by the ABFO.

Conclusion: This project provides an updated image and information resource for public and professional education and professional training in forensic odontology.

Forensic Odontology, Forensic Dentistry, Images