

H. Vogel

Violence, War, Borders  
X-Rays:  
Evidence and Threat



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# Violence, War, Borders. X-Rays: Evidence and Threat

The book to the exhibitions:

X-ray Diagnostic of Violence

Country's Borders. Drugs, Arms, Men. Search by X-Rays

Terror and Terror Prevention. X-Rays Serving Security

Travel, Transport, Terrorism. The Radiograph as Time Document

Wounds and Weapons. Radiology of War

X-Rays and Society: Perception, Threat, Torture

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## Acknowledgement

The idea to try an overview was triggered by H. Imhof, Editor of the European Journal of Radiology; at the ECR, in 2006, he asked me to write and edit an issue of the EJR about "War and Migration". I am thankful for his initiative and his trust. After the publication the EJR in 2007 and when the ECR asked me in 2007 to produce another exhibition for 2008, the idea to create a catalogue took shape. This book is the catalogue to the exhibitions. By necessity, nearly every image and most of the texts have been published previously, especially in the EJR in 2007. I am deeply indebted to H. Imhof, the EJR and its publisher Elsevier. The ECR has been so friendly to show five times in six years my exhibitions. This pushed me to new efforts. The visitors seemed to be touched and moved by the exhibitions, they asked questions and gave me further information. I thank the ECR and among the organizers P. Baierl and J. Patuzzi for their help and support.

Without the generosity of manufacturers, colleagues, friends, and publishers this book/catalogue would not have been possible. They allowed to use their material and material previously published. This book contains pictures of others. I collected them, I showed and published them previously in articles, books and five exhibitions. It is a compilation, nearly everything is a citation. To deal with border control, war, migration and torture imposes the repeated use of the same pictures - the images are most difficult to obtain. This is especially true for treating torture.

It would have been impossible to compile the pictures and to write the book alone. In border control, AS&E contributed the majority of the backscatter images and ODSecurity the majority of the transmission images. Other images are from SAIC, Yxlon, Smith-Heimann and Va-

cis. The pictures about torture come from the rehabilitation centres of torture victims in Europe and Turkey; I thank them for allowing me to review their cases and to use their pictures. The publishers CRC-Press, Ecomed and Elsevier granted to use my articles, and the pictures in my books and in contribution to other books. I am thankful for their generosity. My colleagues have been of great help. B.G. Brogdon published with me the "Atlas of Abuse, Torture, Terrorism, and Inflicted Trauma" and allowed me to review and to use his material, some pictures come from this atlas. Algra from the Netherlands gave me access to his unique collection of body packers. Many colleagues, who prepared their thesis with my advise, contributed essential ideas and parts, among them excelled D. Haller, C. Grillo, D. Okhovat, C. Jung, F. Ologge, F. Forquinon, R. Kintzel, and P. Lotz. Ulrich Hennig, Director of the Deutsches Röntgen-Museum, supported the project of the exhibitions during the years, without this stimulus neither the exhibitions nor the book would have been realized. The financial support of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) and the German Federal Office for Radiation Protection (BfS) helped and opened doors; in the project StSch4434, O. Hupe and U. Ankerhold of our group measured the exposure dose in border controls. The manufacturers and the operators cooperated most generously and gave us access to their collections.

The material has been collected for more than thirty years; this explains why some citations may be incomplete. I apologize for not having mentioned every body, I apologize for every missing citation. I remain responsible for every fault.

Hamburg, February 2008



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