



PROFESSOR

RAINER OTTO

SWITZERLAND



Clinical activities:

1970-1970: First contacts to diagnostic ultrasound during the residency in radiology at the "Centre Hospitalier Universitaire CHUV" Lausanne (Prof. Candardjis). Echocardiography with the A-Mode-technique.

1973: Participation at a conference for engineers for ultrasound diagnosis in Milan. Influenced by Dr. Feigenbaum, USA who was the only medical doctor speaking and who presented especially convincing arguments.

1974: Starting numerous ultrasound examinations and testing of different ultrasound techniques at the Institute of Radiology (Prof. Wellauer) at the University Hospital Zurich. Considering the obvious benefits of real-time-sonography Vidoson (Siemens) was initially preferred. First attempts to Interventional procedures guided by ultrasound.

1978-1979: Despite opposition especially from the radiologists the linear array-system was established at the University Hospital Zurich. Development of the ultrasound guided needle biopsies as well as drainage using a central perforated Transducer (Toshiba). This technique was successfully performed first at the University Hospital Zurich and then improved with numerous patients. During the second half of the 80s until the 90s ultrasound controlled and stereotactic biopsies of the breast were optimized by Prof Otto.

Scientific activities:

Author of numerous scientific publications (51), lectures (more than 100) and articles in textbooks (12); author of a monograph published in Springer Verlag, "Ultraschallgeführte Biopsie - Ultrasound guided biopsies".

Accomplishment of more than 50 workshops, training seminars and refresher courses in ultrasound of the "small parts" and sonography of the breast partly with practical training of the participants

Prizes and Memberships:

1982: Georg-Fredrich-Gotz-Award of the University of Zürich in honour of "innovative contributions for the improvement of diagnosis of cancer".

1989: Honorary Membership of Austrian Society of Ultrasound in Medicine (OEGUM)

1989: Honorary member of the Yugoslavian Society of Ultrasound.

1992: Foundation and organization of the IBUS (International Breast Ultrasound School) together with Dr. Jack Jellins, Sydney and PD Dr. H. Madjar University Hospital Freiburg i. Breisgau, Germany. The IBUS has been active all over the world with regular seminars about Ultrasound of the breast.

1993: University Award of the Chiba-University in honour of the publication "Significance and Efficiency of Interventional Ultrasound" on the occasion of the 63rd Congress of the Japanese Society of Ultrasound in Medicine in Tokyo.

1997: Honorary Membership Award of the Swiss Society of Ultrasound in Medicine (SGUM).

Born 1940