

CURRICULUM VITAE

Prof. Dr. Knut Liepe

Education

28.09.2012	University Nürnberg-Erlangen, Master of Health Business Administration
01.07.2007	Technical University Dresden PhD thesis (autoradiography, dosimetry and clinical application of rhenium-188-HEDP in bone metastases of prostate cancer)
10.05.2000	Consultant in Nuclear Medicine
16.12.1992	Consultant in Paediatrics
25.07.1989	Technical University Dresden MD with summa cum laude
01.09.1986	Technical University Dresden, Germany: licence to practise medicine

Professional Experience

Since 22 years experiences as emergency doctor ambulant emergency service

2022	extraordinary professor at University Marburg
2014-present	Head of the Department of Nuclear Medicine Klinikum Frankfurt (Oder)
2007	unsalaried lecture at the University Hospital Dresden and University Marburg
2006 – 2013	Head of the Department of Nuclear Medicine
2002 – 2005	assistant medical director at University Hospital Dresden

Current research: PSMA diagnostic and therapy in prostate cancer, radionuclide therapy of bone metastases, radiosynovectomy, thyroid disease, DatScan scintigraphy in Parkinson's disease, FDG-PET in oncology; paediatric Nuclear Medicine, Special interest: economy in health systems

Summary of Qualifications

29 years proven experience in therapy on an outpatient basis, especially radiosynovectomy (treatment of more than 25,000 joints), radium-therapy of ankylosing spondylitis and pain palliation using rhenium-188-HEDP, rhenium-186-HEDP, strontium-89, samarium-153-EDTMP and combination with chemotherapy, benign and malign thyroid disease

27 years at international level: scientific presentations at national/international meetings and organisation of meetings including the following topics: diagnostic tools in osteoporosis, radionuclide renography in hypertension and hydronephrosis, dosimetry and therapeutic efficacy of rhenium-188-HEDP in bone palliation, benign and malign thyroid disease, radiosynovectomy, radiation protection, rhenium-188 microspheres in liver metastases, animal studies

24 years experiences as chief scientific investigator (4 missions), lecture for training courses (5 missions), expert for the IAEA Fellowships Scientific Visit Programme (3 missions), pre-projects at the IAEA (2 missions) and several meetings at the headquarter in Vienna