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Voluntary collaborator of the Belgian Museum of Radiology, consulting in matters of education.
Retired Senior Lecturer at the department Medical Imaging & Radiotherapy of the UC Odisee Brussels.

Started his carrier in radiography as a trainee radiographer at the university hospital in Leuven in the department of Prof. A. Baert, ended up as deputy chief radiographer.
Continued in 1985 in medical imaging at the department of radiology of Prof. M. Osteaux as chief technologist and stepped in the world of Picture Archiving and Communication in Medicine as process analyst, collaborating in different European projects, such as EuroPACS.
Founded in 1998, together with Dirk De Backer, the bachelor's program Medical Imaging Technologist at the Katholieke Hogeschool Brussel (KHB), started as guest lecturer medical imaging technology.
Joined Kodak Healthcare in 2000 as PACS consultant.
Became in 2003 a full-time lecturer in medical imaging technology and thesis coordinator at the KHB, currently the University College Odisee.

Presents:

Current progresses in CT

We saw the development of image processing enhancing the diagnostic process. Solid state detectors provided more detail and faster scanning. The introduction of the continuous rotation of tube and detectors made helical CT possible.

As such, fast acquisition made CT-imaging of the heart possible and acceptable for cardiology. Awareness of radiation protection brought us imaging with tremendous lower doses than in the early years, one of the tools being iterative reconstruction. Dual energy gave us the ability to decompose images into the underlying materials.

Hybrid combinations helped to combine morphology with functional imaging, where omni-tomography combines even 3 modalities.

The story of the development in the CT world is after 40 years still not ending: research with carbon nanotube X-ray sources could bring us even more possibilities in biomedical imaging.