I am a radiologist who mainly investigates magnetic resonance imaging (MRI) especially at diffusion-weighted imaging (DWI). In 2004, our groups succeeded to develop a new cancer detection method (diffusion-weighted whole body imaging with background body suppression; DWIBS) which mimics FDG-PET\(^1,2\). This was the world first whole body cancer detection method without need of irradiation. Furthermore, we succeeded to visualize whole body peripheral nerve system, which was not able so far, with improved DWIBS method. The results were published on New England Journal of Medicine [Fig.1]\(^3\). Our recent interest is to do cancer screening for healthy population.

引用