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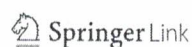
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Abstract

PET/CT is a combined system of positron emission tomography (PET) and computed tomography (CT) scanners. PET can detect abnormal metabolic activity in organs or lesions even before they show morphological changes and CT enables precise localization, so co-registration of functional and anatomic information is achieved in the same study, obtained on the same scanner [1]. This technology, available now for at least 10 years, has allowed great advances especially in the field of oncology, and every day it opens more fields to explore in this and other multiple pathologies [2]. Nowadays there is also the possibility of carrying out total body PET studies, which encompasses the entire body within the field of view of the scanner, allowing imaging of all the tissues and organs simultaneously. The increase in geometric coverage of total body PET and multiple adjusted parameters make the whole-body image a very sensitive study with major implications for medical imaging.

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ПУБЛИКАЦИИ НА Д-Р КИРИЛ МЛАДЕНОВ ЦИТИРАНИ В БЪЛГАРСКИ ИЗТОЧНИЦИ ОТ ЦЕНТРАЛНА МЕДИЦИНСКА БИБЛИОТЕКА

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