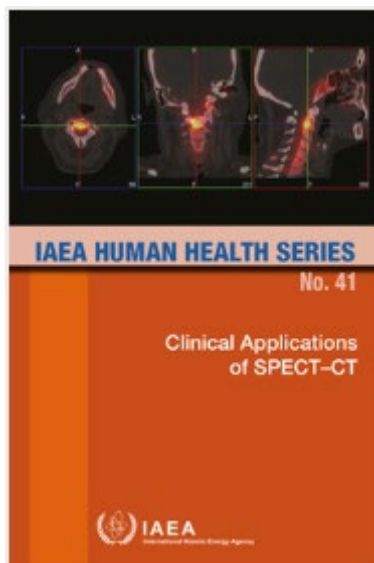


IAEA Human Health Series No. 41 and 45

【AOSR 事務局からのお知らせ】(2023.01.18 付)

Clinical Applications of SPECT-CT

IAEA Human Health Series No. 41



Single photon emission computed tomography (SPECT) has been used in routine diagnostic applications and in research since the 1980s. In the following decades, as the clinical application of hybrid imaging has grown, SPECT-computed tomography (SPECT-CT) has demonstrated improved patient management and become fully integrated in the routine diagnostic approach to a variety of clinical indications, including both oncologic and non-oncologic diseases. This IAEA Human Health Series publication presents a review of the published data from recent applications of SPECT-CT across nine different clinical scenarios including neurology, orthopaedics, endocrinology and cardiology, to demonstrate the variety of hybrid imaging in nuclear medicine and support decision making when allocating resources in the health care system. It provides a relevant source of information for nuclear medicine physicians, radiologists and clinical practitioners.

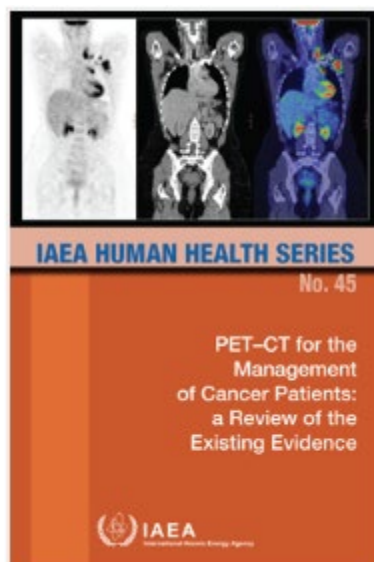
STI/PUB/1971, 97 pp., 2 figs; 2023; ISBN: 978-92-0-111522-5, English, 50.00 Euro

***Electronic version can be found: [Clinical Applications of SPECT-CT](#) |**

IAEA

PET-CT for the Management of Cancer Patients: a Review of the Existing Evidence

IAEA Human Health Series No. 45



While the use of positron emission tomography-computed tomography (PET-CT) is a standard of care in oncological practice in many developed countries, it is still limited in many low to middle income nations. To make reliable information more widely available, the IAEA convened an expert consultant group to review, based on the most recent developments of PET radiopharmaceuticals, Human Health Series No. 9, Appropriate Use of FDG-PET for the Management of Cancer Patients. This, the resulting publication, provides up to date recommendations on the optimal use of PET-CT imaging procedures in oncology. It is written for policy makers and decision makers who allocate resources dedicated to the health care system, a critical issue in the development of nuclear medicine in low and middle income countries. It will also benefit medical imaging practitioners as well as referring physicians.

STI/PUB/1993; 79 pp.; 2023; ISBN: 978-92-0-118622-5, English, 50.00 Euro

***Electronic version can be found: [PET-CT for the Management of Cancer Patients: a Review of the Existing Evidence | IAEA](#)**