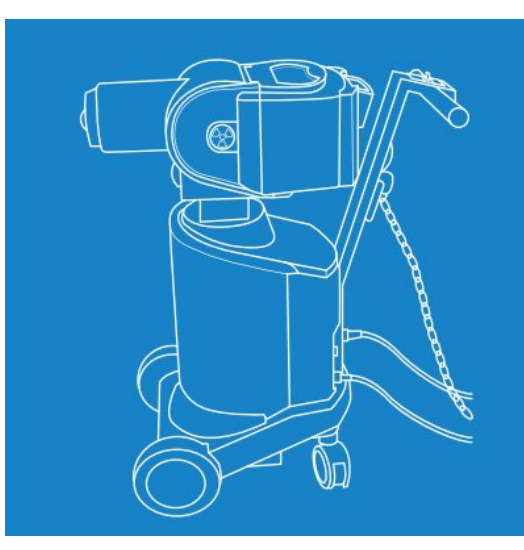
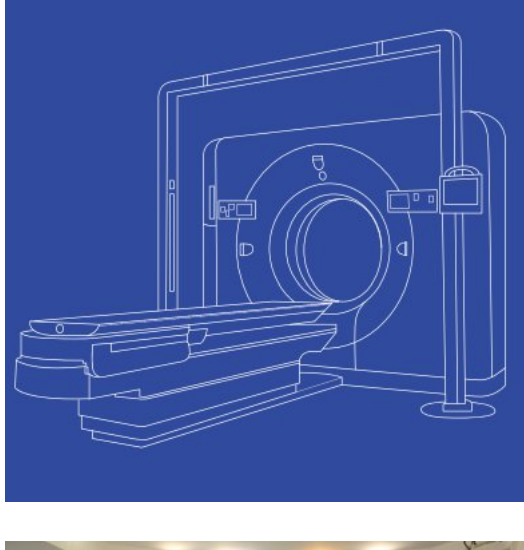


# WHO Medical Devices

Newsletter November 2023

## WHO Campaign on Medical Devices



### WHO and IAEA jointly developed technical guidance to strengthen radiotherapy capacities in countries.

Cancer is the second leading cause of death globally, accounting for an estimated 9.6 million deaths, in 2018. Treatment options include surgery, cancer medicines and/or radiotherapy, administered alone or in combination.

However, many health systems in low- and middle-income countries are least prepared to manage this burden, and large numbers of cancer patients globally do not have access to timely quality diagnosis and treatment. Therefore WHO recently developed technical specifications to improve the quality of radiotherapy equipment procured for health facilities. A second guidance to sustainably manage equipment and facilities for radiotherapy was also published.

### Sustainable management of radiotherapy facilities and equipment (2023)

#### Sustainable management of radiotherapy facilities and equipment



### Technical specifications of radiotherapy equipment for cancer treatment (2021)

#### Technical specifications of radiotherapy equipment for cancer treatment



### WHO developed technical specifications for procurement and pre-market assessment of medical masks

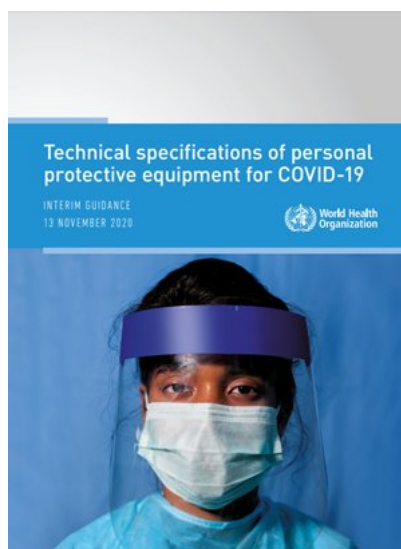
The use of Infection prevention and control (IPC) principles keep patients and health workers safe. IPC includes measures such as the use of Personal Protective Equipment (PPE) like medical masks.

Since healthcare workers use PPE to ensure safety during working hours. WHO developed guidance for the pre-market assessment and procurement of medical masks. These books aim to improve the quality of the masks introduced in national markets and procured for health facilities.

### Technical specifications for pre-market assessment of medical masks (2023)



### Technical specifications of personal protective equipment for COVID-19 (2020)



### WHO developed technical specifications for procurement and pre-market assessment of blood pressure measurement devices

People with high blood pressure may not feel symptoms. The only way to detect hypertension is to have a health professional measure blood pressure.

Individuals can also measure their own blood pressure using automated devices, but an evaluation by a health professional is important for assessment of risk and associated conditions. Increasing access to high quality blood pressure measurement devices is essential to detect and monitor hypertension. To that end WHO developed guidance for the pre-

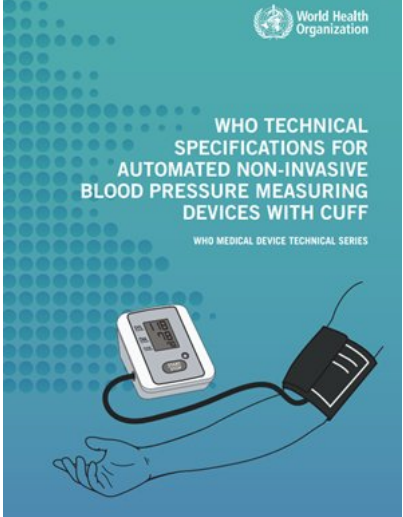


market assessment and procurement of blood pressure measurement devices. These books aim to improve the quality of the devices introduced in national markets and procured for health facilities.

**Technical specifications for pre-market assessment of blood pressure measuring device with cuff, automated and semiautomated (2023)**



**WHO technical specifications for automated non-invasive blood pressure measuring devices with cuff (2020)**

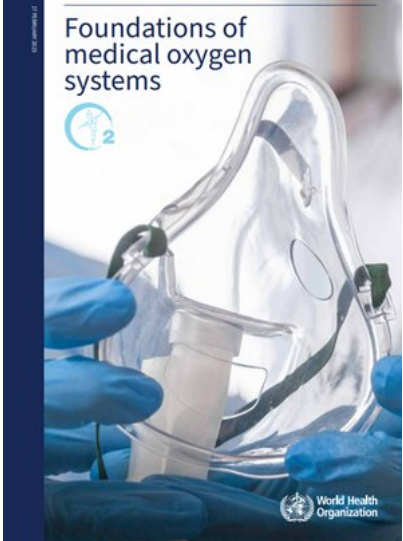


**Foundations of Medical Oxygen Systems - published earlier this year, is now available in the six official United Nations languages**

Oxygen is an essential live saving medicine used to care for patients at all levels of the healthcare system, including in surgery, trauma, heart failure, asthma, pneumonia and maternal and child care.

We understand the importance of providing information in a way that is inclusive and reaches as many people as possible. To that end, we have translated the Foundations of Medical Oxygen Systems (including the Web Annexes and Posters) from English to Arabic, Chinese, French, Russian and Spanish.

**Foundations of medical oxygen systems (2023)**



**Book**

[Foundations of medical oxygen systems](#), 17 February 2023

**Posters**

[Medical oxygen fire risk: mitigation measures](#), 17 February 2023

[Oxygen cylinder safety](#), 17 February 2023

[Medical gas piping systems safety](#), 17 February 2023

**Web Annexes A–E**

[Foundations of medical oxygen systems: web annex A: technical considerations for the procurement of oxygen generator plants](#), 17 February 2023

[Foundations of medical oxygen systems: web annex B: site evaluation for oxygen generator plants](#), 17 February 2023

[Foundations of medical oxygen systems: web annex C: site readiness for oxygen generator plants](#), 17 February 2023

[Foundations of medical oxygen systems: web annex D: commissioning report for oxygen generator plants](#), 17 February 2023, [rev. ed.]

[Foundations of medical oxygen systems: web annex E: oxygen supplier's mapping](#), 17 February 2023



**All WHO events**

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