

WHO Medical Devices August 2020 Newsletter

Dear colleagues,

We wish you and your families are doing well.

Following last month's format, this newsletter has 3 sections organized by:

1. Information and guidance; 2. Action requested; 3. Open vacancies or consultations.

1. For information COVID-19 medical devices:

Please visit https://www.who.int/medical_devices/priority/COVID-19/en/ this page includes information related to essential supplies, forecasting tools, donations, SARI treatment centers and the emergency supply system and catalogue.

Please visit <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance-publications> for all technical guidance on COVID-19 and select from dropdown menu the topic you are searching for. These pages are also in various languages:

1.1 The List of **Priority Medical Devices for COVID**, describes the medical devices, the purpose and the settings where it can be used.

<https://www.who.int/publications/m/item/list-of-priority-medical-devices-for-covid-19-case-management>

1.2 **Technical specifications for procurement of medical equipment with consumables and accessories**, can be

found: https://www.who.int/medical_devices/priority/COVID-19_medequipment/en/

- This month new technical specifications for the following medical devices for clinical management of COVID patients, are being disseminated.
- These technical specifications describe the minimum requirements that the medical devices must comply with to ensure quality, safety and effectiveness when used for the management of COVID-19
- Please visit: for the full list.
- Please note some are final drafts and are awaiting final clearance for publication

[Technical specifications for pressure-swing-adsorption \(PSA plants\)](#)
(Published final document July 2020)

- [COVID-19 Technical specifications of invasive and noninvasive ventilators V2 . \(Draft 11 August 2020, awaiting final clearance\).](#)
[COVID-19 Technical specifications for procurement of oxygen therapy and monitoring devices \(final draft 10 July 2020\)](#)
pdf, 828kb
- [COVID-19 Technical specifications for infusion devices \(final draft 10 July 2020\)](#)
pdf, 429kb

- [COVID-19 Technical specifications for imaging devices: portable ultrasound; mobile radiographic digital equipment; computed tomography \(CT\) scanning system \(v 4 August 2020, awaiting final clearance\) docx, 146kb](#)

The draft specifications above will be integrated in a single publication along with other sets that are being updated including PPE.

2. The updated information on the Personal protective equipment,

- https://www.who.int/medical_devices/priority/COVID_19_PPE/en/
- Technical specifications for personal protective equipment and related infection prevention and control supplies can be find below. [COVID-19 Technical Specifications for personal protective equipment, list of standards and checklists. \(final draft August 2020\) docx, 158kb](#)
- On the use of masks: [https://www.who.int/publications/i/item/advice-on-the-use-of-masks-in-the-community-during-home-care-and-in-healthcare-settings-in-the-context-of-the-novel-coronavirus-\(2019-ncov\)-outbreak](https://www.who.int/publications/i/item/advice-on-the-use-of-masks-in-the-community-during-home-care-and-in-healthcare-settings-in-the-context-of-the-novel-coronavirus-(2019-ncov)-outbreak)
- Recently published use of masks for children: https://www.who.int/publications/i/item/WHO-2019-nCoV-IPC_Masks-Children-2020.1

3. On in vitro diagnostics,

- Information about emergency use listing, please consult:
- https://www.who.int/diagnostics_laboratory/EUL/en/
- On Laboratories and diagnostics, documents can be found [here](#)

4. On the role of imaging diagnostics, (now available in 7 languages).

- You can find the role of ultrasound, chest X rays and CT scanners, here.
- <https://www.who.int/publications/i/item/use-of-chest-imaging-in-covid-19>

**2. Welcome your action on facility survey, country survey and on-line training:
2.1 Facility Surveys for biomedical equipment and oxygen supply required to manage COVID-19 and other diseases.**

You can use this tool to complete your inventory, then use it to define the gaps of equipment or oxygen sources. The data is owned by the facility and will help do benchmarking, national assessments and to define your needs. If approved by the submitter, will be made public.

<https://www.who.int/publications/i/item/WHO-2019-nCov-biomedical-equipment-inventory-2020.1>

then the electronic survey can be found:

https://o2therapy.surveycto.com/collect/who_covid_oxygen_therapy_scto_open?caseid=

Username: biomedequipment

Password: facilityoxygen20

Soon the survey tool will be available in English, French and Spanish

The excel table for the survey along **with multiple technical guidance documents for COVID** can be found in all 6 languages:

Arabic

<https://www.who.int/ar/emergencies/diseases/novel-coronavirus-2019/technical-guidance>

Chinese

<https://www.who.int/zh/emergencies/diseases/novel-coronavirus-2019/technical-guidance>

French

<https://www.who.int/fr/emergencies/diseases/novel-coronavirus-2019/technical-guidance>

Spanish

<https://www.who.int/es/emergencies/diseases/novel-coronavirus-2019/technical-guidance>

2.2 Country profiles - Global atlas of medical devices (2020 update)

Global Atlas of medical devices book provides the global, regional and country data particularly on the availability of specific medical devices, policies, guidelines, standards and services.

Please kindly update your country's information for the Global Atlas on medical devices, so that the information is actual.

Steps:

1. Go to https://www.who.int/medical_devices/countries/en/

2. Search for your country in the word version:

Atlas Word document to update your country profile [Word, 4.62mb]

3. Related links:

- WHO Global Atlas of medical devices , 2017 [pdf, 11.63mb]

- Country profiles - Medical devices regulatory systems at country level

- Global Health Observatory (GHO) interactive maps on medical devices

- Global health observatory, data repository

Ministries of Health of Member States can send requests to update contact people, new websites, new information and please send your word document with track changes to medicaldevices@who.int as needed.

2.3 Training and learning.

<https://openwho.org/> “OpenWHO is WHO’s interactive, web-based, knowledge-transfer platform offering online courses to improve the response to health emergencies. OpenWHO enables the Organization and its key partners to transfer life-saving knowledge to large numbers of frontline responders.”

<https://www.who.int/about/who-academy/> “With COVID-19 science now doubling every 20 days and new guidance being published daily by WHO, the WHO Academy continues to improve its COVID - 19 mobile learning app so that health workers can keep up with the constantly evolving knowledge related to this disease.”

3. Open vacancies, consultancies.

3.1 Consultant positions to work on the Universal Health Coverage Compendium, from October 2020 to April 2021. Terms of reference have been posted in UNGM. Please follow links below for more information. These 3 consultants will be working simultaneously in different departments in WHO. Please do disseminate amongst your networks.

- For medical devices, in vitro diagnostics and assistive technologies:
<https://www.ungm.org/Public/Notice/112839>
- For health economics:
<https://www.ungm.org/Public/Notice/112070>
- For health workforce :
<https://www.ungm.org/Public/Notice/111906>

3.2 Consultants for 3 projects: For Biomedical/ Clinical engineer with more than 7 years' experience, excellent English. Desirable: postgraduate degree and experience working in hospitals, databases, and knowledge of clinical settings and interventions.

Timeline	Objective	Knowledge and expertise
September to January 2021*	To support the organization, classification, naming, harmonization of codes and names of different types of medical devices for WHO catalogues, supply, Priority medical devices and international or regional nomenclature systems and UDI.	Knowledge/ expertise of categories, names, codes and types of all medical devices including in vitro diagnostics
September to December 2020*.	To support selection, specifications, management, regulations and training of medical devices for diagnostic, clinical management or protection in the context of COVID-19	Knowledge/ expertise of aspects of medical devices required for COVID-19.
September to December 2020*	To support selection, management, classification of innovative technologies used for management of COVID-19 for the Compendium of innovative technologies for low resource settings and related activities of scaling up innovations.	Knowledge/ expertise of innovation process, regulatory issues, assessment, horizon scanning
September to December 2020	To support the regional/ country work on medical devices and in vitro diagnostics, based on HQ guidance and information to adapt to regional/local context on activities related to defining national lists, selection, using technical specifications, support procurement, reception, management, maintenance, assessment, regulations, safe use, facility assessments and innovation.	Knowledge / expertise on clinical engineering and regulatory issues. Expertise in low and middle income countries and 2 or 3 UN languages is preferred.

*Some of these selection process are on-going for those that applied in July. Please send CV, ONLY if comply with request, to medicaldevices@who.int by Monday 31 of August, 2020. These interested candidates can be selected for other future consultations required related to the above-mentioned topics. Some of the consultancies might be extended.

For more information on related work, see:
https://www.who.int/medical_devices/priority/en/;

https://www.who.int/medical_devices/safety/en/;
https://www.who.int/medical_devices/countries/en/

3.3 Consultants for 2 projects on Essential in vitro diagnostics for Pathologists, microbiologists, medical technologists, laboratory scientists, biomedical and clinical engineers, biologists, medical doctors and related disciplines.

Timeline	Objective	Knowledge and expertise
October to December 2020*	To support the regional/ country work on medical devices and in vitro diagnostics, based on HQ guidance and information to adapt to regional/local context on activities related to defining national in vitro diagnostic lists, selection, technical specifications for procurement, assessment, regulations, laboratory management, test purposes, assay formats, clinical guidelines.	Knowledge of laboratory management, regulations of in vitro diagnostics, expertise in different in vitro diagnostics tests and technologies. Knowledge of the WHO Essential in vitro Diagnostics List is preferred.

Please send CV, ONLY if comply with request, to edlsecretariat@who.int by **Friday 4th September 2020**. These interested candidates can be selected for other future consultations required related to the above-mentioned topics. Some of the consultancies might be extended.

For more information on related work see:

https://www.who.int/medical_devices/diagnostics/selection_in-vitro/en/

- Any doubts on COVID related, please send message to COVID-MED-DEVICES COVID-MED-DEVICES@who.int
- Any requests or comments, please send to medical devices: medicaldevices@who.int
- Any news on your on-line conferences, please send information to: medicaldevices@who.int so that we can disseminate as appropriate.
- All past newsletters can be found at: https://www.who.int/medical_devices/publications/Medical_Devices_Newsletter/en/

PLEASE STAY SAFE!!