

EFSUMB Safety Committee's compiled information on safe performance of ultrasound scans and disinfection issues in context of COVID-19

Selected Collection of Safety Guidedance from ECMUS to SARS-CoV-2

Preface

The World Health Organization (WHO) classified with 30.01.2020 the new virus as "[2019-nCoV acute respiratory disease](#)" and declared the disease in its [situation report #51](#) as pandemic with 11.03.2020.

Since these times our daily working routine and lives have changed dramatically to prevent infection with the virus and to keep our life safe and healthy.

For this purpose a lot of different regulations, safety issues, guidelines and information have been published worldwide from different bodies to support us within our medical work or in our daily life. In the following ECMUS compiled a collection of mainly European resources on information to support safe performance of ultrasound scans und related disinfection issues regarding COVID-19 for our colleagues.

ECMUS position is fully in agreement with the safety committees of WFUMB ([WFUMB Position Paper](#)) and ISUOG ([ISUOG Position Statement](#)).

For a better navigation the information has been categorised:

Organisations

[European Centre for Disease Prevention and Control](#)

[Robert-Koch Institut \(RKI\)](#)

[World Health Organization](#)

Ultrasound specific applications

Ultrasound in general

WFUMB - [WFUMB Position Statement: How to perform a safe ultrasound examination and clean equipment in the context of COVID-19](#)

ISRRT - [COVID-19 Pandemic - Full Guideline for Protective Measures](#)

ISRRT - [COVID-19 Pandemic -Quick Guide for Protection Measures](#)

SOR - [Ultrasound](#)

Lung ultrasound

BMUS - [Lung Ultrasound Guidance](#)

BMUS - [Lung Ultrasound Top Tips Poster](#)

DEGUM - [COVID-19-Pneumonie mit Lungensonographie schnell erkennen und Klinikpersonal schützen \[available in German only\]](#)

DEGUM - [Vorschlag eines standardisierten Lungen-Ultraschallprotokolls in den Zeiten von COVID-19 \[available in German only\]](#)

EFSUMB - [Lung Ultrasound in COVID-19 Webinar](#)

ÖGUM - [COVID-19 Lungensonographie Protokoll \[available in German only\]](#)

[Best Practice Recommendations for Point-of-Care-Lung-Ultrasound in Patients with suspected Covid-19](#)

Obstetrics/gynaecology

- ISUOG - [ISUOG Safety Committee Position Statement on COVID19 and PPE](#)
ÖGUM - [Statement des Arbeitskreises für Geburtshilfe und Gynäkologie - Corona-Pandemie](#)
[\[available in German only\]](#)

Disinfection of system, environment & Personal Protective Equipment (PPE)

- BMUS - [Ultrasound Transducer decontamination](#)
WFUMB - [WFUMB Position Paper](#)
ISUOG – [Webinar - How to prepare your unit for Coronavirus](#)
ECDC - [Infection prevention and control and preparedness for COVID-19 in healthcare settings](#)
ECDC - [Cloth masks and mask sterilisation as options in case of shortage of surgical masks and respirators](#)
ECDC - [Disinfection of environments in healthcare and non-healthcare settings potentially contaminated with SARS-CoV-2](#)
NEJM - [Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1](#)
PHE – [Good infection prevention practice – using ultrasound gel](#)
SOR - [Cleaning and decontamination of equipment](#)
SOR - [Personal Protective Equipment \(PPE\)](#)
SOR - [Contact with infected patients or suspected cases](#)
SOR - [Infection prevention and control responsibilities](#)

Education, Teaching, Sonographers, others

- SOR - [Student dos and don'ts during Covid-19](#)
BMUS - [FAQs for sonographers](#)

Patient information

- ISUOG – [Pregnant patient information](#)
ECDC - [Information leaflet template on COVID-19](#)

Abbreviations

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|--------|---|
| BMUS | The British Medical Ultrasound Society |
| DEGUM | Deutsche Gesellschaft für Ultraschall in der Medizin |
| ECDC | European Centre for Disease Prevention and Control |
| ISRRT | International Society of Radiographers & Radiological Technologists |
| ISUOG | International Society of Ultrasound in Obstetrics and Gynecology |
| NEJM | New England Journal of Medicine |
| ÖGUM | Österreichische Gesellschaft für Ultraschall in der Medizin |
| PHE | Public Health England |
| SOR | The Society of Radiographers, UK |
| WFUMB- | World Federation for Ultrasound in Medicine and Biology |
| WHO | World Health Organization |