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 Lungenultraschall 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 Lungenultraschall Protokoll [available in German only]

Obstetrics/gynaecology
ISUOG  ISUOG Safety Committee Position Statement on COVID19 and PPE
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
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
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
SOR  The Society of Radiographers, UK
WFUMB- World Federation for Ultrasound in Medicine and Biology
WHO  World Health Organization

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