

Supplementary

Supplementary Table S1: Definitions of guidelines and actionable statements used in the eCOVID-19RecMap “Created by authors”

Nomenclature	Definition
Clinical guidelines	<p>“systematically developed statements to assist practitioner and patient decisions about appropriate healthcare for specific clinical circumstances” (24)</p> <p>“Healthcare guidelines are statements that include recommendations intended to optimise healthcare, whether at the clinical, public health or health policy levels. They should be informed by a systematic review of evidence and an assessment of the desirable and undesirable consequences of alternative care options” (25)</p>
Formal recommendation	<p>“A formal recommendation is an actionable statement about the choice between two or more management or policy options (interventions) in a specific population and, if relevant, in a specific setting. Alternative option(s) (i.e. comparator(s)) should be specified in the recommendation if they are not self-evident. These statements are the results of a formal deliberation process, and contain an explicit and direct link to the bodies of evidence resulting from a systematic literature search and appraisal process.”(2)</p> <p>Example: “The Canadian Rheumatology Association guideline panel suggests using COVID-19 vaccination over no COVID-19 vaccination in persons with AIRD (conditional recommendation, low certainty of the evidence)” From <i>CRA Recommendation on Covid-19 Vaccination in Persons with Autoimmune Rheumatic Disease</i></p>
Informal recommendation	<p>“An informal recommendation is an actionable statement about the choice of one or more intervention options in a specific population and, if relevant, in a specific setting. These statements were not issued following a formal deliberative process, do not directly link to the bodies of evidence assembled for the guideline, and do not fulfill the rigorous set of logical rules identifying good practice statements.” (2)</p> <p>Example: “In patients with PIMS-TS and thromboembolism or suspected deep vein thrombosis, administer enoxaparin at a dose of 1 mg/kg every 12 h delivered subcutaneously.” From <i>Maintaining a safe and adequate blood supply and collecting convalescent plasma in the context of the COVID-19 pandemic: interim guidance, 17 February 2021</i></p>
Good Practice Statement	<p>“Good practice statements are necessary actionable and clear guideline statements. They describe the population and intervention options and, if appropriate, comparator components of the recommendation.” (2)</p> <p>Example: “For personnel working with untreated sewage for which there are considerable infectious risks, standard PPE should be worn (protective outerwear, heavy-duty gloves, boots, masks, goggles or a face shield).”</p>

	From <i>Water, sanitation, hygiene, and waste management for SARS-CoV-2, the virus that causes COVID-19: interim guidance, 29 July 2020</i>
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GRADEpro GDT Covid19 Extraction Form

Should [intervention] vs [comparison] be used for [health problem and/or population]?

Bottom panel Explanations

Good practice statement

Clear and actionable

The message is necessary in regard to actual health care practice

After consideration of all relevant outcomes and potential downstream consequences, implementing the good practice statement results in a large net positive consequences

Collecting and summarizing the evidence is a poor use of the guideline panel's limited time and energy (opportunity cost is large)

There is a well-documented clear and explicit rationale connecting the indirect evidence

Add recommendation number

No
Probably yes
Probably no
No

Supplementary Figure S1. Template of Good Practice Statement extraction form. “Created by authors”

Supplementary Table S1. Eligible COVID-19 guidelines “Created by authors”

Guideline name	Source	Include good practice statements
1563 - Guidance on developing a national deployment and vaccination plan for COVID-19 vaccines: interim guidance	World Health Organization (WHO);United Nations International Children's Fund (UNICEF)	Yes
A Regional Canadian Expert Consensus on recommendations for restoring exercise and pulmonary function testing in low and moderate-high community COVID-19 prevalence settings	Regional Canadian Expert Consensus	Yes
Acceptance and demand for COVID-19 vaccines: Interim guidance, 31 January 2021	World Health Organization (WHO)	No
Actions for consideration in the care and protection of vulnerable population groups for COVID-19	World Health Organization (WHO)	No
Addressing noncommunicable diseases in the COVID-19 response	World Health Organization (WHO)	Yes
Advice on the use of point-of-care immunodiagnostic tests for COVID-19: scientific brief, 8 April 2020	World Health Organization (WHO)	No
Algorithm for COVID-19 triage and referral : patient triage and referral for resource-limited settings during community transmission	World Health Organization (WHO)	Yes
Algorithms for testing COVID-19 focused on use of RT-PCR and high-affinity serological testing: a consensus statement from a panel of Latin American experts	International Journal of Infectious Diseases	No
American College of Rheumatology Clinical Guidance for Pediatric Patients with Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with SARS-CoV-2 and Hyperinflammation in COVID-19. Version 2	American College of Rheumatology	No
Analysing and using routine data to monitor the effects of COVID-19 on essential health services: practical guide for national and subnational decision-makers	World Health Organization (WHO)	Yes
Antigen-detection in the diagnosis of SARS-CoV-2 infection using rapid immunoassays	World Health Organization (WHO)	No
At home: Using ventilation and filtration to reduce the risk of aerosol transmission of COVID-19	Public Health Agency of Canada (PHAC)	Yes

Australian guidelines for the clinical care of people with COVID-19 (version 37.1) ***See source document link for most recent version (coming to covid.gradepro.org soon!)	Australian National COVID-19 Clinical Evidence Taskforce	No
Bacille Calmette-Guérin (BCG) vaccination and COVID-19	World Health Organization (WHO)	No
Calibrating long-term non-pharmaceutical interventions for COVID-19 : principles and facilitation tools	World Health Organization (WHO)	Yes
Canadian Rheumatology Association Position Statement on COVID-19 Vaccination	Canadian Rheumatology Association (CRA)	No
Cardio-Oncology care in the era of the coronavirus disease 2019 (COVID-19) pandemic: An International Cardio-Oncology Society (ICOS) statement	International Cardio-Oncology Society (ICOS)	Yes
Care for Breastfeeding Women. Interim guidance on breastfeeding and breast milk feeds in the context of COVID-19	Centers for Disease Control and Prevention (CDC)	Yes
Cleaning and Disinfecting Your Facility - Every Day and When Someone is Sick	Centers for Disease Control and Prevention (CDC)	Yes
Cleaning and disinfection of environmental surfaces in the context of COVID-19	World Health Organization (WHO)	Yes
Cleaning, disinfection and hand hygiene in schools, A Toolkit for School Administrators.	Centers for Disease Control and Prevention (CDC)	Yes
Clinical management of severe acute respiratory infection (SARI), when COVID-19 disease is suspected: interim guidance, 13 March 2020	World Health Organization (WHO)	Yes
Community-based health care, including outreach and campaigns, in the context of the COVID-19 pandemic	World Health Organization (WHO)	No
Conducting community engagement for COVID-19 vaccines: interim guidance, 31 January 2021	World Health Organization (WHO)	Yes
Considerations for Case Investigation and Contact Tracing in K-12 Schools and Institutions of Higher Education (IHEs)	Centers for Disease Control and Prevention (CDC)	Yes
Considerations for forming a regional COVID-19 review committee (RRC), technical brief, 29 January 2021	World Health Organization (WHO)	Yes
Considerations for implementing a risk-based approach to international travel in the context	World Health Organization (WHO)	Yes

of COVID-19: interim guidance, 16 December 2020		
Considerations for implementing and adjusting public health and social measures in the context of COVID-19: interim guidance, 4 November 2020	World Health Organization (WHO)	Yes
Considerations for implementing mass treatment, active case-finding and population-based surveys for neglected tropical diseases in the context of the COVID-19 pandemic	World Health Organization (WHO)	Yes
Considerations for Inpatient Obstetric Healthcare Settings	Centers for Disease Control and Prevention (CDC)	Yes
Considerations for Institutions of Higher Education	Centers for Disease Control and Prevention (CDC)	Yes
Considerations for quarantine of contacts of COVID-19 cases: interim guidance	World Health Organization (WHO)	Yes
Considerations for school-related public health measures in the context of COVID-19	World Health Organization (WHO)	Yes
Considerations in the investigation of cases and clusters of COVID-19: interim guidance, 22 October 2020	World Health Organization (WHO)	Yes
Considerations to relax border restrictions in the Western Pacific Region	World Health Organization (WHO)	Yes
Contact tracing in the context of COVID-19: interim guidance, 1 February 2021	World Health Organization (WHO)	Yes
Contact tracing: public health management of persons, including healthcare workers, who have had contact with COVID-19 cases in the European Union third update	European Centre for Disease Prevention and Control (ECDC)	Yes
Continuing essential sexual reproductive, maternal, neonatal, child and adolescent health services during COVID-19 pandemic: practical considerations	World Health Organization (WHO)	Yes
Controlling the spread of COVID-19 at ground crossings	World Health Organization (WHO)	Yes
Coronavirus disease 2019 (COVID-19) and supply of substances of human origin in the EU/EEA - second update	European Centre for Disease Prevention and Control (ECDC)	Yes
Coronavirus Disease 2019 (COVID-19) Treatment Guidelines (January 21, 2021 version) ***Most recent version coming soon to covid.gradepro.org; in meantime see source document URL)	National Institutes of Health (NIH)	Yes

COVID-19 and food safety: guidance for food businesses: interim guidance, 07 April 2020	World Health Organization (WHO)	Yes
COVID-19 and mandatory vaccination: ethical considerations and caveats: policy brief, 13 April 2021	World Health Organization (WHO)	No
COVID-19 and schools: Guidelines of the French Pediatric Society	French Pediatric Society	Yes
COVID-19 and Thrombotic or Thromboembolic Disease: Implications for Prevention, Antithrombotic Therapy, and Follow-Up	Journal of the American College of Cardiology	No
COVID-19 Clinical Management	World Health Organization (WHO)	Yes
COVID-19 Critical Infrastructure Sector Response Planning	Centers for Disease Control and Prevention (CDC)	Yes
COVID-19 global risk communication and community engagement strategy	World Health Organization (WHO)	Yes
COVID-19 guidance for schools Kindergarten to Grade 12	Public Health Agency of Canada (PHAC)	Yes
COVID-19 impact on perinatal care: risk factors, clinical manifestation and prophylaxis. Polish experts,Äö opinion for December 2020		Yes
COVID-19 management in hotels and other entities of the accommodation sector: interim guidance, 25 August 2020	World Health Organization (WHO)	No
COVID-19 Overview and Infection Prevention and Control Priorities in non-US Healthcare Settings	Centers for Disease Control and Prevention (CDC)	Yes
COVID-19 position statement: Presentations and management of COVID-19 in older people in acute care	Scottish Intercollegiate Guidelines Network (SIGN)	Yes
COVID-19 position statement: the prevention and management of thromboembolism in hospitalised patients with COVID-19-related disease.		Yes
COVID-19 Rail Protocol: Recommendations for safe resumption of railway services in Europe	European Union Agency,Äös for Railways (ERA);European Commission;European Centre for Disease Prevention and Control (ECDC)	Yes
COVID-19 rapid guideline: gastrointestinal and liver conditions treated with drugs affecting the immune response	National Institute for Health and Care Excellence (NICE)	No
COVID-19 rapid guideline: interstitial lung disease ***update coming soon!***	National Institute for Health and Care Excellence (NICE)	Yes
COVID-19 rapid guideline: Managing the long-term effects of COVID-19	National Institute for Health and Care Excellence (NICE);Scottish Intercollegiate Guidelines Network (SIGN);Royal College of General Practitioners	Yes

COVID-19 Response Plan for the safe and sustainable reopening of Post Primary Schools	Department of Education, Government of Ireland	Yes
COVID-19 strategic preparedness and response plan: operational planning guideline: 1 February 2021 to 31 January 2022	World Health Organization (WHO)	No
COVID-19 support mission to Turkmenistan, 6, 16 July 2020	World Health Organization (WHO)	Yes
COVID-19 technical mission of experts to Tajikistan: 1, 11 May 2020	World Health Organization (WHO)	No
COVID-19 vaccination: supply and logistics guidance: interim guidance, 12 February 2021	World Health Organization (WHO); United Nations International Children's Emergency Fund (UNICEF)	Yes
COVID-19 vaccines: safety surveillance manual	World Health Organization (WHO)	Yes
COVID-19 Variant of Concern: Case, Contact and Outbreak Management Interim Guidance (version 2.0)	Ontario Ministry of Health and Long-Term Care	Yes
COVID-19: an informative guide: advice for journalists	World Health Organization (WHO)	Yes
COVID-19: Guidance on indoor ventilation during the pandemic	Public Health Agency of Canada (PHAC)	Yes
COVID-19: occupational health and safety for health workers: interim guidance, 2 February 2021	World Health Organization (WHO)	Yes
COVID-19 strategy update (as of 14 April 2020), Mise à jour de la stratégie COVID-19 (au 14 avril 2020)	World Health Organization (WHO)	Yes
CRA Recommendation on Covid-19 Vaccination in Persons with Autoimmune Rheumatic Disease	Canadian Rheumatology Association (CRA)	No
Critical preparedness, readiness and response actions for COVID-19: interim guidance, 27 May 2021	World Health Organization (WHO)	Yes
Current Recommendations for the Management of Stroke Patients in the Middle East in the Era of COVID-19 Pandemic; Statement from the MENA SINO	Middle East and North Africa Stroke and Interventional Neurotherapies Organization (MENA-SINO)	Yes
Data for action: achieving high uptake of COVID-19 vaccines: gathering and using data on the behavioural and social drivers of vaccination: a guidebook for immunization programmes and implementing partners: interim guidance, 1 April 2021	World Health Organization (WHO)	Yes

Detection of new SARS-CoV-2 variants related to mink	European Centre for Disease Prevention and Control (ECDC)	Yes
Diagnostic testing for SARS-CoV-2: interim guidance, 11 September 2020	World Health Organization (WHO)	Yes
Disability considerations for COVID-19 vaccination: WHO and UNICEF policy brief, 19 April 2021	World Health Organization (WHO); United Nations International Children's Emergency Fund (UNICEF)	Yes
Disaster evacuation shelters in the context of COVID-19	World Health Organization (WHO)	Yes
EAACI statement on the diagnosis, management and prevention of severe allergic reactions to COVID-19 vaccines	European Academy of Allergy and Clinical Immunology (EAACI)	No
Effectiveness of different forms of oxygen therapy for COVID-19 management	World Health Organization (WHO)	Yes
Establishing integrated nationwide contact tracing systems	World Health Organization (WHO)	Yes
Estimating COVID-19 vaccine effectiveness against severe acute respiratory infections (SARI) hospitalisations associated with laboratory-confirmed SARS-CoV-2: an evaluation using the test-negative design: guidance document	World Health Organization (WHO)	Yes
EULAR points to consider on pathophysiology and use of immunomodulatory therapies in COVID-19	European League Against Rheumatism (EULAR)	No
European Technical Advisory Group of Experts on Immunization (ETAGE) interim recommendations, June 2021 Inclusion of adolescents aged 12-15 years in national COVID-19 vaccination programmes	World Health Organization	Yes
Evaluating COVID-19 disease transmission and public health measures in schools: Outbreak investigation guidance	Public Health Agency of Canada (PHAC)	Yes
Evaluation of COVID-19 vaccine effectiveness: interim guidance, 17 March 2021	World Health Organization (WHO)	No
Evidence review - Public health measures in the aviation sector in the context of COVID-19: quarantine and isolation (21 May 2021), Examen des données factuelles - Mesures de santé publique dans le secteur du transport aérien dans le contexte de la COVID-19: quarantaine et isolement (21 mai 2021)	World Health Organization (WHO)	No

Exploration of COVID-19 health-care worker cases : implications for action	World Health Organization (WHO)	Yes
Fabry disease and COVID-19: international expert recommendations for management based on real-world experience	Clinical Kidney Journal	Yes
Federal safety guidance to protect drivers and limit the spread of COVID-19 in commercial vehicle operations	Public Health Agency of Canada (PHAC)	Yes
For immunization providers: Interim national vaccine storage, handling and transportation guidelines for ultra-low temperature and frozen temperature COVID-19 vaccines	Public Health Agency of Canada (PHAC)	Yes
Framework for decision-making: implementation of mass vaccination campaigns in the context of COVID-19	World Health Organization (WHO)	Yes
Framework for reopening schools	United Nations Educational, Scientific and Cultural Organization (UNESCO);United Nations International Children's Emergency Fund (UNICEF);World Bank;World Food Programme;United Nations High Commissioner for Refugees (UNHCR)	Yes
Guidance and Tips for Tribal Community Living During COVID-19	Centers for Disease Control and Prevention (CDC)	Yes
Guidance for contacts of people with confirmed coronavirus (COVID-19) infection who do not live with the person	Public Health England	Yes
Guidance for Institutions of Higher Education with Students Participating in International Travel or Study Abroad Programs	Centers for Disease Control and Prevention (CDC)	Yes
Guidance for K-12 School Administrators on the Use of Masks in Schools	Centers for Disease Control and Prevention (CDC)	No
Guidance for laboratories shipping specimens to WHO reference laboratories that provide confirmatory testing for COVID-19 virus: interim guidance, 31 March 2020	World Health Organization (WHO)	No
Guidance for Pharmacies. Guidance for Pharmacists and Pharmacy Technicians in Community Pharmacies during the COVID-19 Response	Centers for Disease Control and Prevention (CDC)	Yes
Guidance for post-secondary institutions during the COVID-19 pandemic.	Public Health Agency of Canada (PHAC)	Yes

Guidance for providers of services for people experiencing homelessness (in the context of COVID-19)	Public Health Agency of Canada (PHAC)	Yes
Guidance for Surveillance of SARS-CoV-2 Variants: Interim Guidance, 9 August 2021	World Health Organization	Yes
Guidance on COVID-19 for the care of older people and people living in long-term care facilities, other non-acute care facilities and home care	World Health Organization (WHO)	Yes
Guidance on the prioritization of initial doses of COVID-19 vaccine(s)	Public Health Agency of Canada (PHAC)	No
Guidance on the prioritization of key populations for COVID-19 immunization	Public Health Agency of Canada (PHAC)	No
Guidance on the use of influenza vaccine in the presence of COVID-19	Public Health Agency of Canada (PHAC)	Yes
Guidance on utilization of COVID-19 vaccines before the date of expiry, 19 July 2021	World Health Organization (WHO)	Yes
Guidelines for COVID-19 management in hematopoietic cell transplant and cellular therapy patients	American Society for Transplantation and Cellular Therapy	Yes
Guidelines for COVID-19 testing and quarantine of air travellers	European Centre for Disease Prevention and Control (ECDC)	Yes
Guidelines for the implementation of non-pharmaceutical interventions against COVID-19	European Centre for Disease Prevention and Control (ECDC)	Yes
Guidelines for the pharmacological treatment of COVID-19	Brazilian Association of Intensive Care Medicine;Brazilian Society of Infectious Diseases;Brazilian Society of Pulmonology and Tisiology	No
Guiding principles for immunization activities during the COVID-19 pandemic: interim guidance, 26 March 2020	World Health Organization (WHO)	Yes
Health workers in focus: policies and practices for successful public response to COVID-19 vaccination: strategic considerations for member states in the WHO European region	World Health Organization (WHO)	Yes
Home care for patients with suspected or confirmed COVID-19 and management of their contacts: interim guidance, 12 August 2020	World Health Organization (WHO)	Yes
How to Mitigate COVID-19 transmission in densely populated areas globally	Centers for Disease Control and Prevention (CDC)	Yes
Immunization and Vaccine-related Implementation Research Advisory Committee	World Health Organization (WHO)	Yes

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Implementing telemedicine services during COVID-19 : guiding principles and considerations for a stepwise approach	World Health Organization (WHO)	Yes
Indian Academy of Pediatrics Guidelines on School Reopening, Remote Learning and Curriculum in and After the COVID-19 Pandemic	Indian Academy of Pediatrics (IAP)	Yes
Indicators to monitor health-care capacity and utilization for decision-making on COVID-19	World Health Organization (WHO)	Yes
Infection prevention and control (IPC) principles and procedures for COVID-19 vaccination activities	World Health Organization (WHO)	Yes
Infection prevention and control during health care when coronavirus disease (,ÄÉCOVID-19),Äé is suspected or confirmed	World Health Organization (WHO)	Yes
Infection prevention and control for the safe management of a dead body in the context of COVID-19: interim guidance, 4 September 2020	World Health Organization (WHO)	Yes
Infection prevention and control guidance for long-term care facilities in the context of COVID-19: interim guidance, 8 January 2021	World Health Organization (WHO)	Yes
Infection prevention and control in the household management of people with suspected or confirmed coronavirus disease (COVID-19)	European Centre for Disease Prevention and Control (ECDC)	Yes
Infection prevention guidelines and considerations for paediatric risk groups when reopening primary schools during COVID-19 pandemic, Norway, April 2020	Norwegian Institute of Public Health;European Public Health Microbiology Training Programme (EUPHEM);European Centre for Disease Prevention and Control (ECDC);Norwegian Directorate for Education and Training;Paediatric Research Group, Faculty of Health Sciences, University of TromsvT]-Arctic University of Norway;Department of Paediatrics and Adolescence Medicine, University Hospital of North Norway	Yes
Infection with SARS-CoV-2 in pregnancy. Update of Information and proposed care. CNGOF	French National College of French Obstetrician Gynaecologists	No

Infectious Diseases Society of America Guidelines on the Treatment and Management of Patients with COVID-19	Infectious Diseases Society of America (IDSA)	No
Information note on HIV and COVID-19	World Health Organization (WHO)	Yes
Interim Clinical Commissioning Policy: Tocilizumab for critically ill patients with COVID-19 pneumonia (adults)	National Health Service (NHS)	No
Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Authorized in the United States	Centers for Disease Control and Prevention (CDC)	Yes
Interim Considerations for Testing for K-12 School Administrators and Public Health Officials	Centers for Disease Control and Prevention (CDC)	Yes
Interim Guidance for Businesses and Employers Responding to Coronavirus Disease 2019 (COVID-19)	Centers for Disease Control and Prevention (CDC)	Yes
Interim Guidance for COVID-19 Prevention and Control in Schools	United Nations International Children's Emergency Fund (UNICEF); World Health Organization (WHO); International Federation of Red Cross and Red Crescent Societies (IFRC)	Yes
Interim guidance note for hospitals : managing hospital services, maintaining essential routine health care and generating surge capacity	World Health Organization (WHO)	No
Interim Guidance: Get Your Mass Gatherings or Large Community Events Ready for Coronavirus Disease 2019 (COVID-19)	Centers for Disease Control and Prevention (CDC)	Yes
Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 (COVID-19) Pandemic	Centers for Disease Control and Prevention (CDC)	Yes
Interim Public Health Recommendations for Fully Vaccinated People	Centers for Disease Control and Prevention (CDC)	Yes
Interim recommendations for the use of the Janssen Ad26.COV2.S (COVID-19) vaccine: interim guidance, 17 March 2021	World Health Organization (WHO)	Yes
Interim recommendations for use of the ChAdOx1-S [recombinant] vaccine against COVID-19 (AstraZeneca COVID-19 vaccine AZD1222, SII Covishield, SK Bioscience): interim guidance, first issued 10 February 2021, updated 21 April 2021	World Health Organization (WHO)	Yes
Interim recommendations for use of the inactivated COVID-19 vaccine BIBP developed	World Health Organization (WHO)	No

by China National Biotec Group (CNBG), Sinopharm: interim guidance, 7 May 2021		
Interim recommendations for use of the inactivated COVID-19 vaccine, CoronaVac, developed by Sinovac: interim guidance, 24 May 2021	World Health Organization (WHO)	Yes
Interim recommendations for use of the Moderna mRNA-1273 vaccine against COVID-19: interim guidance	World Health Organization (WHO)	Yes
Interim recommendations for use of the Pfizer, Æ BioNTech COVID-19 vaccine, BNT162b2, under Emergency Use Listing	World Health Organization (WHO)	Yes
ISTH interim guidance on recognition and management of coagulopathy in COVID-19	International Society on Thrombosis and Haemostasis (ISTH)	No
Key considerations for mass gatherings in the context of the COVID-19 outbreak in the Western Pacific Region	World Health Organization (WHO)	Yes
Laboratory biosafety guidance related to coronavirus disease (, Æ COVID-19), Æ: interim guidance, 28 January 2021	World Health Organization (WHO)	Yes
Laboratory testing strategy recommendations for COVID-19: interim guidance, 21 March 2020	World Health Organization (WHO)	Yes
Maintaining a safe and adequate blood supply and collecting convalescent plasma in the context of the COVID-19 pandemic: interim guidance, 17 February 2021	World Health Organization (WHO)	Yes
Maintaining surveillance of influenza and monitoring SARS-CoV-2: adapting Global Influenza Surveillance and Response System (, Æ GISRS), Æ and sentinel systems during the COVID-19 pandemic: interim guidance, 8 November 2020	World Health Organization (WHO)	Yes
Management of COVID, Æ associated coagulopathy in persons with haemophilia	Coagulation Products Safety, Supply and Access (CPSSA) Committee of the World Federation of Hemophilia	No
Management of ill travellers at Points of Entry (international airports, seaports, and ground crossings) in the context of COVID-19	World Health Organization (WHO)	Yes
Management of severe / critical cases of COVID-19 with non-invasive or mechanical	World Health Organization (WHO)	Yes

ventilation: based on information as at 1st June 2020		
Managing haematology and oncology patients during the COVID-19 pandemic: interim consensus guidance	Australasian Leukaemia and Lymphoma Group; National Centre for Infections in Cancer	Yes
Mask use in the context of COVID-19	World Health Organization (WHO)	No
Media toolkit to prevent and address stigma associated with the migrant population in Malaysia in response to COVID-19	World Health Organization (WHO)	Yes
Mental health and psychosocial support aspects of the COVID-19 response	World Health Organization (WHO)	No
Methods for the detection and identification of SARS-CoV-2 variants, March 2021	World Health Organization (WHO)	Yes
Mitigating the Impact of Coronavirus Disease (COVID-19) Vaccinations on Patients Undergoing Breast Imaging Examinations	American Journal of Roentgenology (AJR)	Yes
Mitigating the impact of COVID-19 on control of vaccine-preventable diseases: a health risk management approach focused on catch-up vaccination	World Health Organization (WHO)	Yes
Monitoring COVID-19 vaccination: Considerations for the collection and use of vaccination data	World Health Organization (WHO); United Nations International Children's Emergency Fund (UNICEF)	Yes
Multidisciplinary guidance regarding the use of immunomodulatory therapies for acute coronavirus disease 2019 in pediatric patients	Pediatric Infectious Diseases Society	No
NACI rapid response: Recommended use of AstraZeneca COVID-19 vaccine in younger adults	Public Health Agency of Canada (PHAC)	No
National Psoriasis Foundation COVID-19 Task Force Guidance for Management of Psoriatic Disease During the Pandemic: Version 1	American Academy of Dermatology	Yes
Operating schools during COVID-19: CDC's considerations	Centers for Disease Control and Prevention (CDC)	Yes
Operational considerations for case management of COVID-19 in health facility and community: interim guidance, 19 March 2020	World Health Organization (WHO)	Yes
Operational considerations for influenza surveillance in the WHO European Region during COVID-19: interim guidance. October 2020	World Health Organization (WHO); European Centre for Disease Prevention and Control (ECDC)	Yes
Operational considerations for managing COVID-19 cases or outbreak in aviation	World Health Organization (WHO)	Yes

Operational considerations for managing COVID-19 cases or outbreaks on board ships	World Health Organization (WHO)	Yes
Operational considerations to expedite genomic sequencing component of GISRS surveillance of SARS-CoV-2, 16 February 2021	World Health Organization (WHO)	Yes
Operational guidance: acceptance and uptake of COVID-19 vaccines	World Health Organization (WHO)	Yes
Operational guidance: COVID-19 immunization service delivery modalities	World Health Organization (WHO)	Yes
Operational guidance: COVID-19 vaccination data and information management, including monitoring of vaccine effectiveness, January 2021	World Health Organization (WHO)	No
Operational guidance: evidence-based decisionmaking process for developing national COVID-19 vaccination strategies, January 2021	World Health Organization (WHO)	Yes
Operational guidance: health workforce and security	World Health Organization (WHO)	Yes
Operational guidance: legal and regulatory framework facilitating vaccine deployment	World Health Organization (WHO)	Yes
Operational guidance: management structure, advocacy and resources for COVID-19 vaccine deployment and vaccination	World Health Organization (WHO)	Yes
Operational guide for engaging communities in contact tracing	World Health Organization (WHO);International Federation of Red Cross (IFRC);United Nations Children Fund (UNICEF);Global Outbreak Alert and Response Network (GOARN)	Yes
Operational Strategy for K-12 Schools through Phased Prevention	Centers for Disease Control and Prevention (CDC)	Yes
Oxygen sources and distribution for COVID-19 treatment centres: interim guidance, 4 April 2020	World Health Organization (WHO)	Yes
Pandemic fatigue: reinvigorating the public to prevent COVID-19: policy framework for supporting pandemic prevention and management	World Health Organization (WHO)	Yes
Planning guidance for administration of COVID-19 vaccine	Public Health Agency of Canada (PHAC)	Yes
Planning guidance for immunization clinics for COVID-19 vaccines	Public Health Agency of Canada (PHAC)	Yes

Practical recommendations for the allergological risk assessment of the COVID-19 vaccination, a harmonized statement of allergy centers in Germany	Allergologie select	Yes
Practice recommendations for the management of children with suspected or proven COVID-19 infections from the Paediatric Mechanical Ventilation Consensus Conference (PEMVECC) and the section Respiratory Failure from the European Society for Paediatric and Neonatal Intensive Care (ESPNIC)	European Society of Paediatric and Neonatal Intensive Care (ESPNIC)	No
Preparedness, prevention and control of coronavirus disease (COVID-19) for refugees and migrants in non-camp settings	World Health Organization (WHO)	Yes
Preparedness, prevention and control of COVID-19 in prisons and other places of detention: interim guidance, 8 February 2021	World Health Organization (WHO)	Yes
Prevention, identification and management of health worker infection in the context of COVID-19: interim guidance, 30 October 2020	World Health Organization (WHO)	Yes
Promoting public health measures in response to COVID-19 on cargo ships and fishing vessels: interim guidance, 25 August 2020	World Health Organization (WHO)	Yes
Promoting the health of migrant workers in the WHO European Region during COVID-19. Interim guidance, 6 November 2020	World Health Organization (WHO)	Yes
Protecting people with disability during the COVID-19 pandemic	World Health Organization (WHO)	Yes
Public health considerations for elections and related activities in the context of the COVID-19 pandemic: interim guidance, 10 December 2020	World Health Organization (WHO)	Yes
Public health surveillance for COVID-19: interim guidance, 16 December 2020	World Health Organization (WHO)	Yes
Rational use of personal protective equipment for COVID-19 and considerations during severe shortages: interim guidance, 23 December 2020	World Health Organization (WHO)	Yes
Recommendations for Quarantine Duration in Correctional and Detention Facilities	Centers for Disease Control and Prevention (CDC)	Yes
Recommendations on the use of COVID-19 Vaccines	Public Health Agency of Canada (PHAC)	Yes

Recommendations to Member States to improve hand hygiene practices to help prevent the transmission of the COVID-19 virus: interim guidance, 1 April 2020	World Health Organization (WHO)	Yes
Regional strategy to improve access to medicines and vaccines in the Eastern Mediterranean, 2020, 2030, including lessons from the COVID-19 pandemic	World Health Organization (WHO)	Yes
Repurposing facilities for isolation and management of mild COVID-19 cases	World Health Organization (WHO)	Yes
Responding to community spread of COVID-19	World Health Organization (WHO)	Yes
Risk assessment and management of exposure of health care workers in the context of COVID-19: interim guidance, 19 March 2020	World Health Organization (WHO)	Yes
Risk assessment and management of health-care workers in the context of COVID-19	World Health Organization (WHO)	Yes
Risk communication and community engagement for COVID-19 contact tracing: interim guidance	World Health Organization (WHO)	No
Roadmap to improve and ensure good indoor ventilation in the context of COVID-19	World Health Organization (WHO)	No
Role of primary care in the COVID-19 response	World Health Organization (WHO)	Yes
Safe Eid al Adha practices in the context of COVID-19: interim guidance, 25 July 2020	World Health Organization (WHO)	Yes
Safe Ramadan practices in the context of the COVID-19	World Health Organization (WHO)	Yes
SARS-CoV-2 - increased circulation of variants of concern and vaccine rollout in the EU/EEA, 14th update	European Centre for Disease Prevention and Control (ECDC)	Yes
SARS-CoV-2 antigen-detecting rapid diagnostic tests: an implementation guide	World Health Organization (WHO)	Yes
SARS-CoV-2 genomic sequencing for public health goals	World Health Organization (WHO)	Yes
SARS-CoV-2 in animals used for fur farming: GLEWS+ risk assessment, 20 January 2021	World Health Organization (WHO)	Yes
Schooling during COVID-19: recommendations from the European Technical Advisory Group for schooling during COVID-19, June 2021	World Health Organization (WHO)	Yes
Schools and the Path to Zero: Strategies for Pandemic Resilience in the Face of High Community Spread	Multi-disciplinary group of experts at Harvard University, Brown University, Boston University, Tufts University, and New America	Yes
Schools Pathway for Covid-19, the Public Health approach	Health Protection Surveillance Centre	Yes

Screening K-12 students for symptoms of COVID-19: limitations and considerations.	Centers for Disease Control and Prevention (CDC)	Yes
Selecting digital contact tracing and quarantine tools for COVID-19	World Health Organization (WHO)	Yes
Sequencing of SARS-CoV-2: first update	European Centre for Disease Prevention and Control (ECDC)	Yes
Spanish consensus document on diagnosis, stabilisation and treatment of pediatric multisystem inflammatory syndrome related to SARS-CoV-2 (SIM-PedS)	Asociaci3n Espa±ola de PediatrV#a	Yes
Strategic considerations in preparing for deployment of COVID-19 vaccine and vaccination in the WHO European Region, 9 October 2020	World Health Organization (WHO)	Yes
Strategies for Protecting K-12 School Staff from COVID-19	Centers for Disease Control and Prevention (CDC)	Yes
Strengthening preparedness for COVID-19 in cities and urban settings: interim guidance for local authorities	World Health Organization (WHO)	Yes
Strengthening the health system response to COVID-19 in the WHO transmission scenarios: action points: action points for the WHO European Region (,Äé,Äé1 April 2020),Äé,Äé	World Health Organization (WHO)	Yes
Strengthening the health systems response to COVID-19: technical guidance #6: preventing and managing the COVID-19	World Health Organization (WHO)	Yes
Summary of the 31st meeting of the International Task Force for Disease Eradication, 20,Äì21 October 2020	World Health Organization (WHO)	Yes
Summary report on a WHO online consultation in response to the COVID-19 pandemic planning for rapid dissemination and implementation of the WHO consolidated guideline on self-care interventions to strengthen sexual and reproductive health in the Eastern Mediterranean Region, virtual meeting, 30 April 2020	World Health Organization (WHO)	Yes
Summary report on the virtual meeting of the regional Green Light Committee for the Eastern Mediterranean, 18 June 2020	World Health Organization (WHO)	Yes
Surveillance case definitions for human infection with novel coronavirus (,ÄénCoV),Äé, interim guidance, 15 January 2020	World Health Organization (WHO)	Yes

Technical specifications for invasive and non-invasive ventilators for COVID-19	World Health Organization (WHO)	Yes
Technical specifications for pressure swing adsorption (,“PSA),“ oxygen plants	World Health Organization (WHO)	Yes
Technical specifications of personal protective equipment for COVID-19: interim guidance, 13 November 2020	World Health Organization (WHO)	Yes
Testing, Screening, and Outbreak Response for Institutions of Higher Education (IHEs)	Centers for Disease Control and Prevention (CDC)	Yes
The Advisory Committee on Immunization Practices,“ interim recommendation for use of Janssen COVID-19 vaccine,“United States, February 2021	Centers for Disease Control and Prevention (CDC)	No
The Advisory Committee on Immunization Practices,“ Interim Recommendation for Use of Moderna COVID-19 Vaccine	Centers for Disease Control and Prevention (CDC)	No
The Advisory Committee on Immunization Practices,“ Interim Recommendation for Use of Pfizer-BioNTech COVID-19 Vaccine ,“ United States, December 2020	Centers for Disease Control and Prevention (CDC)	No
The Advisory Committee on Immunization Practices,“ Updated Interim Recommendation for Allocation of COVID-19 Vaccine ,“ United States, December 2020	Centers for Disease Control and Prevention (CDC)	Yes
The heart and COVID-19: what cardiologists need to know	Arq Bras Cardiol	No
Therapeutics and COVID-19: living guideline, 6th July 2021	World Health Organization (WHO)	No
Transmission of SARS-CoV-2: implications for infection prevention precautions	World Health Organization (WHO)	Yes
Use of Anticoagulation in Patients with COVID-19	American Society of Hematology (ASH)	No
Use of Chest Imaging in the Diagnosis and Management of COVID-19	World Health Organization (WHO)	No
Vaccinating Pregnant and Lactating Patients Against COVID-19	American College of Obstetricians and Gynaecologists (ACOG)	Yes
Vaccine-Induced Prothrombotic Immune Thrombocytopenia (VIPIT) Following AstraZeneca COVID-19 Vaccination	Ontario COVID-19 Science Advisory Table	Yes
Water, sanitation, hygiene, and waste management for SARS-CoV-2, the virus that causes COVID-19: interim guidance, 29 July 2020	World Health Organization (WHO);United Nations International Children's Emergency Fund (UNICEF)	Yes

Western Pacific Regional guide for the immunization programme and vaccine-preventable disease surveillance during the COVID-19 pandemic	World Health Organization (WHO)	Yes
What are relevant, feasible and effective approaches to promote acceptance, uptake and adherence to physical distancing measures for COVID-19 prevention and control?	World Health Organization (WHO)	Yes
WHO high-level mission to North Macedonia on coronavirus disease 2019 (,“COVID-19),“ 23,“25 June 2020	World Health Organization (WHO)	No
WHO information note: COVID-19: considerations for tuberculosis (TB) care, 5 May 2021	World Health Organization (WHO)	Yes
WHO interim guidance note: health workforce response to the COVID-19 pandemic: April 2020	World Health Organization (WHO)	No
WHO living guideline: drugs to prevent COVID-19: interim guidance, 2 March 2021	World Health Organization (WHO)	No
WHO R&D Blueprint: novel Coronavirus: outline of designs for experimental therapeutics	World Health Organization (WHO)	No
WHO R&D Blueprint: novel Coronavirus: outline of trial designs for experimental therapeutics, January 27, 2020, Geneva, Switzerland	World Health Organization (WHO)	Yes
WHO R&D Blueprint: novel Coronavirus: prospects for evaluating cross-reactivity of nCoV with SARS-CoV: January 24, 2020, Geneva, Switzerland	World Health Organization (WHO)	No
WHO recommendations to reduce risk of transmission of emerging pathogens from animals to humans in live animal markets or animal product markets, 26 March 2020	World Health Organization (WHO)	Yes
WHO Regional Office for Europe recommendations on influenza vaccination for the 2020/2021 season during the ongoing COVID-19 pandemic	World Health Organization (WHO)	Yes
Why people living and working in detention facilities should be included in national COVID-19 vaccination plans: advocacy brief	World Health Organization (WHO)	Yes

Supplementary Table S3. Examples at the judgement level for the Good Practice Statement evaluation criteria. "Created by authors"

Good Practice Statement Criterion	Judgment	Example
(1) Statement is clear and actionable	Yes	<p>"The World Health Organization (WHO) recommends COVID-19 vaccination services select personal protective equipment (PPE) based on risk assessment as part of standard precautions." From <i>Infection prevention and control (IPC) principles and procedures for COVID-19 vaccination activities</i></p> <p>Justification: This is a clear actionable statement directed to hospital managers, immunization programme managers, Infection Prevention Control (IPC) focal points as well as for health workers involved in COVID-19 vaccination delivery.</p>
	Probably Yes	<p>"It is important to maintain an optimal humidity level, between 30% and 50% in indoor settings." From <i>COVID-19: Guidance on indoor ventilation during the pandemic</i></p> <p>Justification: Statement refers to setting (indoor) but does not use actionable term, rather uses informative language.</p>
	Probably No	<p>"In immunization clinic settings, pre-loading of syringes supports timely and efficient vaccine administration." From <i>Planning guidance for immunization clinics for COVID-19 vaccines</i></p> <p>Justification: The statement uses informative language but specifies setting (Immunization clinic) for applying the statement.</p>
	No	<p>"According to Public Health Agency of Canada, securing additional staff in immunization clinics will be necessary." From <i>Planning guidance for immunization clinics for COVID-19 vaccines</i></p> <p>Justification: Statement is suggestive rather than actionable.</p>
(2) Message really necessary in regard to actual healthcare practice	Yes	<p>"Increased health surveillance should be considered for mink and mink farm workers and any other people in close contact with mink, especially at farms with a previous/current history of personnel with COVID-19." From <i>Detection of new SARS-CoV-2 variants related to mink</i></p> <p>Justification: "Intensively reared animal species, susceptible to SARS-CoV-2, such as mink may act as an amplifier of the virus, leading to an increased virus biomass in the environment, and a greater risk of virus mutations and transmission within farmed mink and between mink and humans."</p>

	Probably Yes	<p>“The Public Health Agency of Canada recommends schools increase ventilation by considering the following, for all ages: move activities outdoors when possible (for example, lunch, classes, physical activity) and consider moving classrooms outside when space and weather permit; Ensure that the ventilation system operates properly increase air exchanges by adjusting the HVAC system; Open windows when possible and if weather permits.” From <i>COVID-19 guidance for schools Kindergarten to Grade 12</i></p> <p>Justification: Increasing ventilation may help to reduce transmission and can limit spread of infection in schools and the community. Consequently, this can lessen the burden on healthcare systems.</p>
	Probably No	<p>“Perform hand hygiene after each recipient using soap and water or with hand sanitizer containing 60-80% alcohol.” From <i>Framework for decision-making: implementation of mass vaccination campaigns in the context of COVID-19</i></p> <p>Justification: This act may usually be conducted in regular practice.</p>
	No	-
(3) Implementing the statement likely results in a large net positive consequence	Yes	<p>“The national infection prevention and control (IPC) programme and COVID-19 response should consider supporting and strengthening IPC in long-term care facilities (LTCFs) to be a high priority.” From <i>Infection prevention and control guidance for long-term care facilities in the context of COVID-19: interim guidance</i></p> <p>Justification: Implementing the statement “can significantly reduce the risk of SARS-CoV-2 transmission among residents, staff and caregivers in long-term care facilities (LTCFs).”</p>
	Probably Yes	<p>“Adapt school opening policies and practices to expand access to marginalized groups such as previously out-of-school children, displaced/migrant children and minorities.” From <i>Framework for reopening schools</i></p> <p>Justification: Implementation will likely increase equitable access to education and strengthen the protection, health and safety of children.</p>
	Probably No	<p>“The use of portable air filtration devices with high-efficiency particulate air (HEPA) filter devices could be considered as an additional protection in situations where enhancing natural or mechanical ventilation is not possible and when physical distancing cannot be achieved.” From <i>COVID-19: Guidance on indoor ventilation during the pandemic</i></p>

		Justification: Without public adherence to other public health measures (like limiting number of individuals indoors, physical distancing, wearing masks), using HEPA filters may not have a large net positive effect.
	No	-
(4) Collecting and summarizing the evidence is a poor use of a guideline panel's limited time, energy, or resources	Yes	<p>According to the Public Health Agency of Canada (PHAC), the influenza vaccine should continue to be offered to anyone 6 months of age and older who does not have contraindications to the vaccine. <i>From Guidance on the use of influenza vaccine in the presence of COVID-19</i></p> <p>Justification: "The influenza vaccine has a long-standing safety record and is a critical tool to protect against influenza-related disease and to reduce the influenza-associated burden on the Canadian health care system, which is even more important for this influenza season, in the context of COVID-19. "</p>
	Probably Yes	<p>"To prevent transmission of COVID-19 at immunization clinics, it will be essential to minimize crowding and ensure physical distancing." <i>From Planning guidance for immunization clinics for COVID-19 vaccines</i></p> <p>Justification: Minimizing crowding at vaccine clinics prevents the transmission of SARS-CoV-2 and can encourage the public to come in and get vaccinated.</p>
	Probably No	<p>"Wherever possible, high-risk exposure contacts should be actively followed-up by public health authorities, whereas low-risk exposure contacts should self-monitor for symptoms while observing physical distancing measures and avoiding travel." <i>From Contact tracing: public health management of persons, including healthcare workers, who have had contact with COVID-19 cases in the European Union third update</i></p> <p>Justification: Evidence on how to classify risk exposure and how to conduct efficient contact tracing is evolving and recommendations may require continuous updating.</p>
(5) Rationale connecting indirect evidence	Yes	<p>"Vaccination should be rapidly accelerated to target priority groups." <i>From SARS-CoV-2 - increased circulation of variants of concern and vaccine rollout in the EU/EEA, 14th update</i></p> <p>Justification: "Vaccines are a key part of a long-term strategy to bring SARS-CoV-2 under control. The emergence of more transmissible variants may cause increased hospital admissions and deaths in the coming weeks, despite ongoing vaccine deployment. Some emerging</p>

		variants may also partially escape the immunity induced by the currently available vaccines."
	Probably Yes	<p>The Centers for Disease Control and Prevention recommends that healthcare facilities should ensure consistent recommended infection control practices for hospitalized pregnant patients who have suspected or confirmed COVID-19. <i>From Considerations for Inpatient Obstetric Healthcare Settings</i></p> <p>Justification: When preparing for and responding to patients with suspected or confirmed SARS-CoV-2 infection, consistent recommended infection control practices are important to prevent secondary spread of infection in healthcare facilities.</p>
	Probably No	<p>Countries are strongly urged to execute only high-quality preventive vaccination campaigns that can be conducted under safe conditions, without undue harm to health workers and the community when considering lifting any temporary suspensions on preventive mass vaccination campaigns. <i>From Framework for decision-making: implementation of mass vaccination campaigns in the context of COVID-19</i></p> <p>Justification: There is no description in the guideline what high-quality means. Therefore, the link between the bodies of indirect evidence are unclear.</p>