



ADVISOR REVIEWS—STANDARD REVIEW

COVID-19 (Coronavirus): ADB Information Centre

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Composite Score: ★★★ 1/2

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Abstract

COVID-19 (Coronavirus): ADB Information Centre is a website that provides Open Access to evidence-based clinical decision supports, online courses, patient information, pamphlets, and procedural videos on Coronavirus disease (COVID-19) for front line healthcare workers in the Asian Development Bank (ADB) regional member countries. Evidence based clinical decision supports and patient information pamphlets are created by BMJ Best Practice. This website has a clean user-friendly interface with information that is easily accessible and is available in three languages English, Russian and Mandarin. The COVID-19 (Coronavirus): ADB Information Centre is a creditable and authoritative source of evidence based medical information on COVID-19.

Pricing Options

Access to the information in the COVID-19 (Coronavirus): ADB Information Centre is free for frontline healthcare professionals in the Asian Development Bank (ADB) regional member countries.

Product Overview/Description

COVID-19 (Coronavirus): ADB Information Centre is a clinical decision support website devoted to COVID-19. The intended target audience is healthcare providers in the Asian Development Bank member countries. The clinical decision support information in the ADB Information Centre is provided by BMJ Best Practice and online courses on BMJ Learning. BMJ Best Practice includes evidence-based condition and symptom topics that are relevant to a broad range of clinical specialties. BMJ Learning offers high-quality continuing

medical education for doctors and other healthcare professionals (Learning 2021). Based on the information from BMJ Best Practice and BMJ Learning, the COVID-19 (Coronavirus): ADB Information Centre provides the latest guidance on diagnosis and treatment, essential skills on how to care for patients during an infectious disease pandemic, as well as information on prevention, differential diagnosis, epidemiology, etiology, prognosis, and complications. It also includes courses on the proper use of personal protective equipment which is essential to infection control, patient safety and the safety of healthcare professionals. The evidence-based content in the COVID-19 (Coronavirus): ADB Information Centre is continuously updated on their website.

User Interface/Navigation/Searching

COVID-19 (Coronavirus): ADB Information Centre website has a very clean interface. The interface is available in three languages: English, Russian, and Mandarin. Figure 1 shows the interface of the COVID-19 (Coronavirus): ADB Information Centre. This website content includes decision supports, online courses, patient leaflets, videos, news, and webinars. The COVID-19 (Coronavirus): ADB Information Center does not have search functions; however, content maybe browsed using the navigational bars. Navigating the content of this resource includes using the navigation bars on the top of the home page of the website. In addition to the navigation bar on the top of the home page, the home page also includes a brief description of the content with links to those sections. Please see Figure 2.

Decision Support provides clinical decision support from the BMJ Best Practice. BMJ Best Practice delivers continuously updated evidenced based guidance at the point of care. Included in the decision

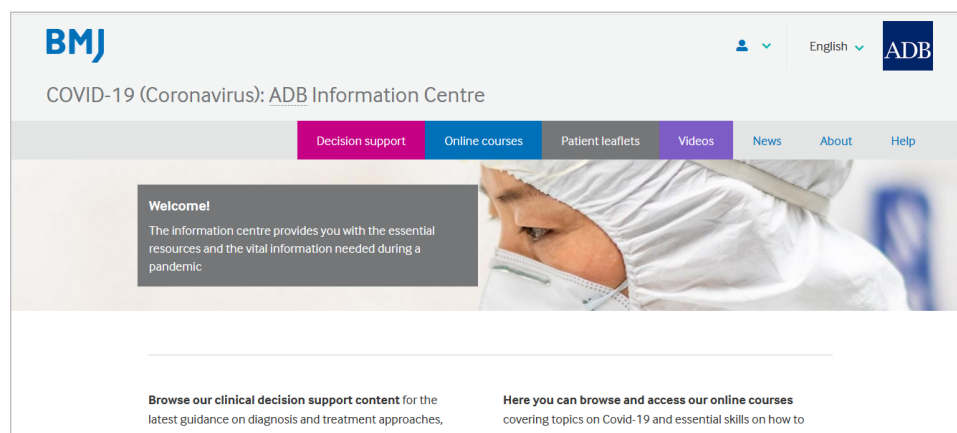
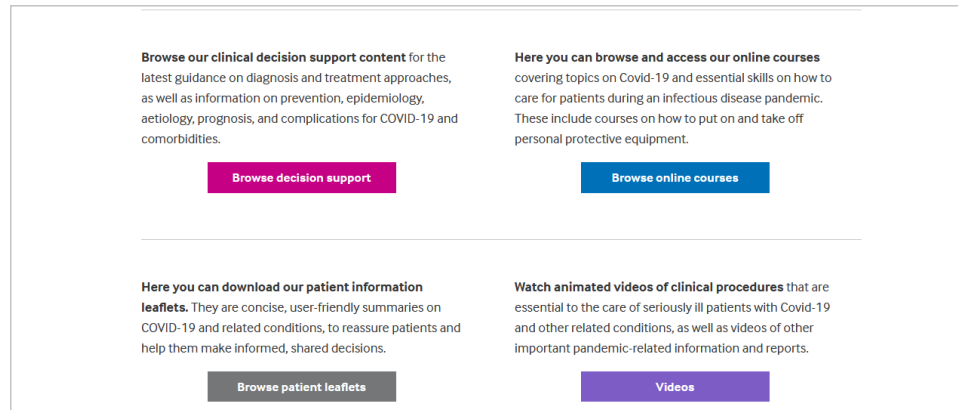


FIGURE 1 The COVID-19 (Coronavirus): ADB Information Centre Home Page

FIGURE 2 Navigation on the Home Page of the COVID-19 (Coronavirus): ADB Information Centre



support section is resources on differential diagnosis for COVID-19 such as: acute bronchitis, atypical pneumonia, community acquired pneumonia, common cold, Middle East Respiratory Syndrome (MERS), Severe Acute Respiratory Syndrome (SARS), and seasonal influenza infection. Each of the differential diagnosis link to the BMJ Best Practice information which discusses the diagnosis, management, prevention, epidemiology, etiology, prognosis, and complications for potential differential diagnoses of COVID-19. The Decision Support section also includes information regarding comorbidities and other related conditions of COVID-19. The following conditions link to information in BMJ Best Practice that discuss the diagnosis and management guidance as well as important considerations for the care of people with co-existing medical conditions with COVID-19, such as acute exacerbation of COPD, acute kidney injury, acute respiratory distress syndromes, chronic congestive heart failure, chronic kidney disease, diabetic ketoacidosis, essential hypertension, management of coexisting conditions in the context of COVID-19, and hyperosmolar and hyperglycemic type 2 diabetes.

The Online Learning section provides evidence based continuing education courses on the BMJ learning platform. These online learning courses include the following topics: personal protective equipment (PPE) and infection control, diagnosing and treating coronavirus and differential diagnoses and managing common comorbidities and related conditions to COVID-19.

The Patient Leaflet section contains up to date information from BMJ Best Practice in which patients are the target audience. The topics covered in the patient leaflet section include: COVID-19 coronavirus and differential diagnoses of COVID-19 such as bronchitis, common cold, flu, pneumonia, and comorbidities and related conditions of COVID-19.

The Videos section of the COVID-19 (Coronavirus): ADB Information Centre has animated videos of clinical procedures that are essential to the care of seriously ill patients with COVID-19 and other related conditions, as well as videos of other important pandemic-related information. These include videos of the following procedures: central venous catheter insertion animated demonstration, femoral artery puncture animated demonstration, and radial artery puncture animated demonstration.

The COVID-19 (Coronavirus): ADB Information Centre has a News and Webinars section that contains news, blogs, podcasts, recorded webinars, and extra resources. There is also an about us section that has information about BMJ and the Asian Development Bank (ADB) as well as information about COVID-19 (Coronavirus): ADB Infor-

mation Centre. The help section describes how to get started using COVID-19 (Coronavirus): ADB Information Centre, some frequently asked questions, a feedback form and contact information.

The accessibility standard that the COVID-19 (Coronavirus): ADB Information Centre and the BMJ products such as BMJ Best Practice and BMJ learning adheres to is Web Content Accessibility Guidelines version 2.1 level A. However, BMJ recognizes that not all their content is accessible and are working to have all their information products accessible in the next 2-3 years. It was noted that the videos on the COVID-19 (Coronavirus) ADB Information Centre website did not have a transcript of the video available which is a requirement of the Accessibility Guidelines version 2.1 level A. However, information regarding the required equipment, contradictions, complications, and aftercare for the demonstrated procedures in the video are provided.

Critical Evaluation

The content in the COVID-19 (Coronavirus): ADB Information Centre is primarily from the BMJ Best Practice, which is an authoritative source of clinical health decision support. BMJ Best Practice has a rigorous knowledge synthesis and peer review process to provide the most current clinical evidence-based practice material for clinical decision support, patient information, and procedural videos. The online courses and the webinars from BMJ Learning assist in delivering the most current continuing education on the COVID-19 pandemic to front line healthcare workers in Asian Development Bank member countries. Although the BMJ Best Practice is an authoritative source of evidence-based practice documents on COVID-19, the comprehensiveness of the COVID-19 (Coronavirus): ADB Information Centre would have been increased if the clinical health decision supports had sources other than BMJ Best Practice.

Searching and navigating COVID-19 (Coronavirus): ADB Information Centre website is easy even for the inexperienced user. It has a clean, intuitive, and user-friendly interface. The user interface and content are available in three languages: English, Mandarin, and Russian, which provides different language options for the member countries of the Asian Development Bank. However, the only way to navigate this website is with the navigation bar and the section links. This website would benefit from having an internal search function. The COVID-19 (Coronavirus) ADB Information Centre website does not have transcript or close captioning available for the videos of clinical procedures and this does not conform to accessibility standards.



COVID-19 (Coronavirus): ADB Information Centre

Review Scores Composite: ★★ ★ 1/2

The maximum number of stars in each category is 5.

Content: ★★ ★ ★

Although the BMJ Best practice is an authoritative source of evidence-based practice documents on COVID-19, the comprehensiveness of the COVID-19 (Coronavirus): ADB Information Centre would have been increased if the clinical health decision supports had sources other than BMJ Best Practice.

User Interface/Searchability: ★★ ★

The COVID-19 (Coronavirus): ADB Information Centre has a clean, intuitive, and user-friendly interface. However, the only way to navigate this website is with the navigation bar and the section links; this website would benefit from having an internal search function. This website does not have transcript or close captioning available for the videos of clinical procedures and this does not conform to accessibility standards.

Pricing: N/A

Access to the information in the COVID-19 (Coronavirus): ADB Information Centre is free for frontline healthcare professionals in Asian Development Bank (ADB) regional member countries.

Purchase/Contract Options: N/A

Frontline healthcare professionals in Asian Development Bank regional member countries must register for access to the COVID-19 (Coronavirus): ADB Information Centre.

Competitive Products

There are many COVID-19 abstract databases that index journal articles and gray literature such as the ProQuest Coronavirus Research Database and Disaster Lit: Database for Disaster Medicine and Public Health, however there are not many COVID-19 evidence based clinical decision support websites that would directly compete with COVID-19 (Coronavirus): ADB Information Centre. However, a competitive product of this website is DynaMed: COVID-19 (Novel Coronavirus) <<https://www.dynamed.com/condition/covid-19-novel-coronavirus>>. DynaMed: COVID-19 (Novel: Coronavirus) is the EBSCO evidence based clinical decision support website on COVID-19. DynaMed: COVID-19 (Novel: Coronavirus) provides information on background, evaluation, epidemiology, etiology, diagnosis, prognosis, infection control, prevention, screening, and patient information. COVID-19 (Coronavirus): ADB Information Centre includes additional information than DynaMed: COVID-19 (Novel Coronavirus) such as continuing education courses and videos of procedures.

Purchase & Contract Provisions

Access to the information in the COVID-19 (Coronavirus): ADB Information Centre is free for frontline healthcare professionals in Asian Development Bank (ADB) regional member countries. The following occupations are considered frontline healthcare workers according to this website: academic researcher, community care worker, epidemiologist, healthcare manager, medical educator, medical student, nurse, primary care doctor, quality improvement coordinator, quality improvement manager, resident, secondary care doctor, veterinarian.

The regional member countries of the Asian Development Bank (ADB) are: Afghanistan, Armenia, Australia, Azerbaijan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, Cook Islands, Federated States of Micronesia, Fiji, Georgia, Hong Kong, China, India, Indonesia, Japan, Kazakhstan, Kiribati, Kyrgyz Republic, Lao People's Democratic Republic, Malaysia, Maldives, Marshall Islands, Mongolia, Myanmar, Nauru, Nepal, New Zealand, Niue, Pakistan, Palau, Papua New Guinea, People's Republic of China, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Sri Lanka, Taipei, China, Tajikistan, Thailand, Timor-Leste, Tonga, Turkmenistan, Tuvalu, Uzbekistan, Vanuatu, and Viet Nam. Frontline healthcare professionals in Asian Development Bank regional member countries must register for access to the COVID-19 (Coronavirus): ADB Information Centre.

Authentication

Frontline healthcare professionals in Asian Development Bank regional member countries must register for access to the COVID-19 (Coronavirus): ADB Information Centre. This registration process verifies whether the registrant is from an Asian Development Bank member country and a frontline healthcare professional.

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Product URL: <<https://covid-19.bmj.com/>>

Producer URL: <<https://www.bmj.com/>>

Free Text Keywords: Covid-19 | Coronavirus Disease 2019 | Coronavirus | Infectious diseases | Public health | Clinical Decision Support

Primary Category: Medicine, Nursing & Health

Secondary Categories: Multidisciplinary (or interdisciplinary)

Type of product being reviewed: Primary source digital content; Website; Other

Target Audience: Graduate/Faculty/Researcher

Access: Open Access (OA)

Author's References

“About Us | BMJ Best Practice.” n.d. Accessed February 12, 2021. <<https://bestpractice.bmj.com/info/about-us/>>

“Accessibility | BMJ.” n.d. Accessed February 12, 2021. <<https://www.bmj.com/company/legal-information/accessibility/>>

“COVID-19 (Coronavirus): ADB Information Centre | BMJ.” n.d. COVID-19 (Coronavirus): ADB Information Centre. Accessed February 12, 2021. <<https://covid-19.bmj.com/>>

“DynaMed.” n.d. Accessed February 12, 2021. <<https://www.dynamed.com/>>

“Evidence-Based Point of Care Tool | BMJ Best Practice.” n.d. Accessed February 12, 2021. <<https://bestpractice.bmj.com/info/benefits-features/evidence-based/>>

“W3C Multimedia Accessibility FAQ.” n.d. Accessed February 12, 2021. <<https://www.w3.org/2008/06/video-notes>>

Learning, BMJ. 2021. About BMJ Learning . Accessed February 12, 2021. <<https://learning.bmj.com/learning/info/about.html>>

About the Author

Marcia Salmon is a Digital Scholarship Metadata Librarian and is an active member of the Health, Sciences and Engineering Disciplinary Cluster at the Scott Library at York University in Toronto Canada. She received an honours B.Sc. in Biology and Applied Educational Psychology from University of Toronto, and a MLIS (Master of Library and Information Science) from Western University, Ontario. ■