



## WHO AWaRe antibiotic book survey

Thank you for taking the time to complete this survey.

Your feedback is very important to us and will help us improve the future versions of the WHO AWaRe antibiotic book, a resource that provides guidance on how to treat common infections in line with the recommendations in the WHO Model Lists of Essential Medicines for adults and children and the principles of AWaRe.

This survey should take less than 10 minutes to complete. There is no right or wrong answer, and all responses are anonymous and confidential.

**All questions refer to content that could be considered for addition in future versions of the WHO AWaRe antibiotic book.**

Link to the AWaRe antibiotic book: <https://www.who.int/publications/i/item/9789240062382>

Should you need any further information or have any additional comments, please do not hesitate to contact us at [aware@who.int](mailto:aware@who.int).

\* Required

1. How important to your setting do you think it is to include the following additional infections in the antibiotic book?

	Not important	Somewhat important	Important	Very important
Surgical site infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe traumatic wound infections (e.g. in war settings)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cardiac infections (e.g. endocarditis)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Melioidosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diabetic foot infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prosthetic joint infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Antibiotic prophylaxis before dental procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Antibiotic prophylaxis post-injury	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID-19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fungal infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Are there any other infections you think should be included?

3. How important do you think it is to include alternative treatment options in patients with allergies to first or second choice antibiotics?

Of note, alternatives are currently not included because of the frequent overdiagnosis of antibiotic allergies and the risk that patients receive potentially less effective alternatives.

Not important	Somewhat important	Important	Very important
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. How important do you think it is to include recommendations for targeted antibiotic treatment based on microbial identification and susceptibility test results?

E.g. for targeted treatment of infections caused by *Staphylococcus aureus*

Not important	Somewhat important	Important	Very important
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. If you answered important or very important for Question 4, which key Gram-negative and Gram-positive organisms would you include?

*In future versions of the AWARe antibiotic book, infections where guidance for targeted antibiotic treatment could be given include healthcare-associated infections or severe (or complicated) community-acquired infections (e.g. sepsis, intra-abdominal or urinary tract infections).*

	Not important	Somewhat important	Important	Very important
<i>Escherichia coli</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Staphylococcus aureus</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Klebsiella pneumoniae</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Streptococcus pneumoniae</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Acinetobacter baumannii</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Pseudomonas aeruginosa</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Enterococcus spp</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Enterobacter spp</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group B <i>Streptococcus</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Salmonella enterica</i> serotype Typhi	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Are there any other pathogens for which the WHO AWaRe book should provide recommendations for targeted therapy?

7. If you answered important or very important for Question 4, for which pathogen / infection combinations (e.g. *Escherichia coli* and UTI) would you like to have guidance on targeted antibiotic treatment?

8. How important do you think it is to include recommendations for certain healthcare-associated infections?

(besides hospital-acquired pneumonia which is already in the book, e.g. catheter-associated bloodstream infections)

Not important	Somewhat important	Important	Very important
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. If you answered important or very important for Question 8, which healthcare-associated infections would you include?

	Not important	Somewhat important	Important	Very important
Ventilator-associated pneumonia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catheter-related bloodstream infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intra-abdominal infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catheter-associated urinary tract infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Skin and soft tissue infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Central nervous system infections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Are there any other healthcare-associated infections that should be included?

11. How important do you think it is to include more detailed antibiotic dosing guidance for patients with altered renal or hepatic function?

Not important	Somewhat important	Important	Very important
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. How important do you think it is to include algorithms for associations of symptoms?

E.g. to provide pathway style guidance on differential diagnoses and management strategies for fever and cough, which may include upper respiratory tract infection, bronchitis and community-acquired pneumonia

Not important	Somewhat important	Important	Very important
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. If you answered important or very important to Question 12, which algorithms would you include?

14. Is there additional content essential to your practice that you would like to see included in the future?

	Not important	Somewhat important	Important	Very important
How to interpret an antibiogram	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Antibiotic stewardship in primary care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Antibiotic stewardship in hospitals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Common antibiotics interactions / side effects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Summary tables for antibiotic classes and their spectrum of activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

15. Do you have any other suggestions on content to add?

16. Is there any recommendation in the book that you disagree with and would consider inappropriate in your setting (**only applies to antibiotic choice**)?

If the answer is YES please provide details.

17. Is there any **dosing guidance** in the book that you disagree with and would consider inappropriate in your setting?

If the answer is YES please provide details.

18. Is there any **treatment duration** guidance in the AWARe antibiotic book that you disagree with and would consider inappropriate in your setting?

If the answer is YES please provide details.

19. Is there any recommendation in the book that you were unable to follow due to **unavailability** of the recommended first or second choice antibiotics in your setting?

If the answer is YES please provide details.

20. Did you notice any errors in the book?

If the answer is YES please specify.

21. Do you think any sections in the book were sometimes ambiguous and lacked clarity?

If the answer is YES please indicate which sections.

22. Do you have any suggestions on how to improve the format of the book (layout, organization, readability, etc.)?

23. Do you have any suggestions on how to improve the app?

(if you did not know about the app or you knew but never used it, please mention it in your comment)

24. What is your affiliation? \*

- ☐ Health-care worker
- ☐ Ministry of Health policy/programme staff
- ☐ Academic
- ☐ WHO staff or consultant
- ☐ Other



25. Which country are you currently working in? \*

- ☐ Afghanistan
- ☐ Albania
- ☐ Algeria
- ☐ Andorra
- ☐ Angola
- ☐ Antigua and Barbuda
- ☐ Argentina
- ☐ Armenia
- ☐ Australia
- ☐ Austria
- ☐ Azerbaijan
- ☐ Bahamas
- ☐ Bahrain
- ☐ Bangladesh
- ☐ Barbados
- ☐ Belarus
- ☐ Belgium
- ☐ Belize
- ☐ Benin
- ☐ Bhutan
- ☐ Bolivia
- ☐ Bosnia and Herzegovina
- ☐ Botswana
- ☐ Brazil
- ☐ Brunei Darussalam
- ☐ Bulgaria
- ☐ Burkina Faso
- ☐ Burundi
- ☐ Cabo Verde
- ☐ Cambodia
- ☐ Cameroon

- ☐ Cameroon
- ☐ Canada
- ☐ Central African Republic
- ☐ Chad
- ☐ Chile
- ☐ China
- ☐ Colombia
- ☐ Comoros
- ☐ Congo
- ☐ Cook Islands
- ☐ Costa Rica
- ☐ Côte d'Ivoire
- ☐ Croatia
- ☐ Cuba
- ☐ Cyprus
- ☐ Czech Republic
- ☐ Democratic People's Republic of Korea
- ☐ Democratic Republic of the Congo
- ☐ Denmark
- ☐ Djibouti
- ☐ Dominica
- ☐ Dominican Republic
- ☐ Ecuador
- ☐ Egypt
- ☐ El Salvador
- ☐ Equatorial Guinea
- ☐ Eritrea
- ☐ Estonia
- ☐ Eswatini
- ☐ Ethiopia
- ☐ Fiji
- ☐ Finland

- ☐ France
- ☐ Gabon
- ☐ Gambia
- ☐ Georgia
- ☐ Germany
- ☐ Ghana
- ☐ Greece
- ☐ Grenada
- ☐ Guatemala
- ☐ Guinea
- ☐ Guinea-Bissau
- ☐ Guyana
- ☐ Haiti
- ☐ Honduras
- ☐ Hungary
- ☐ Iceland
- ☐ India
- ☐ Indonesia
- ☐ Iran (Islamic Republic of)
- ☐ Iraq
- ☐ Ireland
- ☐ Israel
- ☐ Italy
- ☐ Jamaica
- ☐ Japan
- ☐ Jordan
- ☐ Kazakhstan
- ☐ Kenya
- ☐ Kiribati
- ☐ Korea (Republic of)
- ☐ Kuwait
- ☐ Kyrgyzstan

☐ Lao People's Democratic Republic

☐ Latvia

☐ Lebanon

☐ Lesotho

☐ Liberia

☐ Libya

☐ Lithuania

☐ Luxembourg

☐ Madagascar

☐ Malawi

☐ Malaysia

☐ Maldives

☐ Mali

☐ Malta

☐ Marshall Islands

☐ Mauritania

☐ Mauritius

☐ Mexico

☐ Micronesia (Federated States of)

☐ Monaco

☐ Mongolia

☐ Montenegro

☐ Morocco

☐ Mozambique

☐ Myanmar

☐ Namibia

☐ Nauru

☐ Nepal

☐ Netherlands

☐ New Zealand

☐ Nicaragua

☐ Niger

- ☐ Niger
- ☐ Nigeria
- ☐ Niue
- ☐ North Macedonia
- ☐ Norway
- ☐ Oman
- ☐ Pakistan
- ☐ Palau
- ☐ Panama
- ☐ Papua New Guinea
- ☐ Paraguay
- ☐ Peru
- ☐ Philippines
- ☐ Poland
- ☐ Portugal
- ☐ Qatar
- ☐ Romania
- ☐ Russian Federation
- ☐ Rwanda
- ☐ Saint Kitts and Nevis
- ☐ Saint Lucia
- ☐ Saint Vincent and the Grenadines
- ☐ Samoa
- ☐ San Marino

26. Which antimicrobial treatment guidelines do you use in your routine practice (select all which apply)?

- ☐ Local guidelines
- ☐ National guidelines
- ☐ Regional guidelines
- ☐ Professional society guidelines
- ☐ WHO AWaRe antibiotic book

☐ Other

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- ☐ Swaziland
- ☐ Sweden
- ☐ Switzerland
- ☐ Syrian Arab Republic
- ☐ Tanzania (United Republic of)
- ☐ Tajikistan
- ☐ Thailand
- ☐ Timor-Leste
- ☐ Togo
- ☐ Tonga
- ☐ Trinidad and Tobago
- ☐ Tunisia
- ☐ Türkiye
- ☐ Turkmenistan
- ☐ Tuvalu
- ☐ Uganda
- ☐ Ukraine
- ☐ United Arab Emirates
- ☐ United Kingdom
- ☐ United States of America
- ☐ Uruguay
- ☐ Uzbekistan
- ☐ Vanuatu

☐ Venezuela

☐ Viet Nam

☐ Yemen

☐ Zambia

☐ Zimbabwe



