



# Commonwealth Partnerships for Antimicrobial Stewardship (CwPAMS)

## Antimicrobial Stewardship Assessment Tool



CwPAMS is funded by the Department of Health and Social Care using UK aid funding and is managed by the Fleming Fund. The Department of Health and Social Care (DHSC)'s [Fleming Fund](#) is a UK aid programme supporting up to 25 countries across Africa and Asia to tackle antimicrobial resistance (AMR), a leading public health threat across the world. The Fleming Fund invests in strengthening surveillance systems through a portfolio of country grants, regional grants and fellowships managed by [Mott MacDonald](#), and global projects managed by DHSC partners. The CwPAMS programme is managed by the Tropical Health Education Trust (THET) and the Commonwealth Pharmacists Association.

# CwPAMS Antimicrobial Stewardship Assessment Tool

Due to the short timeline available for the project implementation, we request that a desk based self-assessment is completed and submitted with the application. The Commonwealth Partnerships for Antimicrobial Stewardship (CwPAMS) AMS assessment tool is based on the [WHO periodic healthcare facility assessment tool and practical toolkit for Antimicrobial Stewardship Programmes in Health-Care Facilities in Low- And- Middle-Income Countries](#). It is provided to prospective CwPAMS partnerships to ensure uniform and evidence-based gathering of baseline data on the state of antimicrobial consumption surveillance, antimicrobial stewardship, as well as barriers and facilitators for implementing AMS interventions within facilities. The assessment, in addition to any other scoping work completed by the partnership teams, should support the application proposal and subsequent AMS action plan developed during project implementation.

In the true spirit of partnership - the questions should be jointly completed by both lead partners and can easily be done through online collaboration tools. A separate CwPAMS AMS assessment tool should be completed for each LMIC delivery institution that will be part of the CwPAMS programme. i.e. **a separate form is required for each delivery LMIC institution**. If e.g. a partnership will work with two healthcare facilities, then two separate forms should be submitted. Healthcare facilities that have been part of CwPAMS projects previously, should also complete a baseline assessment

Responses may be gathered from desk reviews, individual or group interviews, observations in health-care facilities, focus group discussions and data already available through health care facility records and documents. In most cases, a desk-based approach is sufficient. From experience, completing the assessment tool should take less than 2 hours.

A **verifier section** has been provided to serve as a **supportive guide not a requirement**.

Please answer as completely as possible; there are no right or wrong answers. This assessment tool is designed to support partnerships to maximize their impact, NOT to assess them. Summary findings with acknowledgment of contributors, will be included for programmatic level dissemination, report/publications, individual institutions will not be identified.

To complete the assessment tool, the user should provide one response per question based on the following options;

- **Yes** - Fully implemented - the core element is in place and is fully implemented without requiring strengthening but needing to be sustained;

- **No** - Not currently in place/implemented; activities planned but not started (the core element is planned but no action has taken place; )
- **Somewhat** - Partially implemented - the core element is in place, but it is only partially implemented requiring further strengthening;
- **Unknown** - you don't know the answer (it is fine to select this option if you do not know or aren't able to easily find out the answer)
- **Not applicable** – where a statement is not applicable within the setting, e.g. where there is no action plan, having financial resources would not be applicable
- **Statement is not clear/not understood**

Please use the comments column to provide additional information, comments or relevant examples or links to published documents.

Submit the completed tool as an attachment with the partnership application

**If you have any queries,** Frances Garraghan or Claire Brandish, Commonwealth Pharmacists Association via [amr@commonwealthpharmacy.org](mailto:amr@commonwealthpharmacy.org) and [claire.brandish@commonwealthpharmacy.org](mailto:claire.brandish@commonwealthpharmacy.org); [frances.garraghan@commonwealthpharmacy.org](mailto:frances.garraghan@commonwealthpharmacy.org)

## Facility and partnership details

<b>Date of completion:</b>			
<b>Country:</b>			
<b>Name of Partnership:</b>			
<b>Name of the LMIC delivery health care facility and location this assessment is for (<i>Some partnerships are working across multiple sites and each site will require its own completed form</i>):</b>			
<b>How would you describe the hospital? (Teaching hospital, district general, national referral)</b>	<p><b>Delete as appropriate:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>National referral hospital</i>  <i>Specialized government hospital</i>  <i>Regional referral hospital</i>  <i>District hospital</i> </td> <td style="width: 50%; vertical-align: top;"> <i>Other government hospital</i>  <i>Non-government non-profit hospital</i>  <i>Private for-profit hospital</i>  <i>Security forces hospital</i> </td> </tr> </table>	<i>National referral hospital</i> <i>Specialized government hospital</i> <i>Regional referral hospital</i> <i>District hospital</i>	<i>Other government hospital</i> <i>Non-government non-profit hospital</i> <i>Private for-profit hospital</i> <i>Security forces hospital</i>
<i>National referral hospital</i> <i>Specialized government hospital</i> <i>Regional referral hospital</i> <i>District hospital</i>	<i>Other government hospital</i> <i>Non-government non-profit hospital</i> <i>Private for-profit hospital</i> <i>Security forces hospital</i>		

<b>Number of inpatient beds:</b>	
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<b>Name of lead person completing assessment from the partnership team at the LMIC hospital institution:</b>	
<b>Name of lead person completing the assessment from the UK partnership team:</b>	
<b>Email addresses of lead persons completing the assessment:</b>	

## Health Care Facility Assessment Tool

Components for assessment		Baseline	Verifiers	Comments/Additional information (Add any comments/additional information)
<ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Not applicable</li> <li>- Do not understand the question</li> </ul>				
<b>Leadership Commitment</b>				
<b>1</b>	Is Antimicrobial Stewardship (AMS) identified as a priority by the health-care facility management/leadership?	DELETE AS APPROPRIATE: - Yes - No - Somewhat - Unknown - Statement is not clear/not understood	<i>Interviews with health-care facility leadership</i>	
<b>1.a</b>	Are AMS activities included in health-care facility annual plans with key performance indicators?	DELETE AS APPROPRIATE: - Yes - No - Somewhat - Unknown - Statement is not clear/not understood	<i>Annual plans of Health-care facility with AMS performance indicators</i>	
<b>1.b</b>	Has the health-care facility management allocated human and financial resources to <b>initiate AMS activities?</b>	DELETE AS APPROPRIATE: - Yes - No - Somewhat - Unknown - Statement is not clear/not understood	<i>Availability of personnel with AMS role in their job description</i>	

2	Is there a written health-care facility action plan in place for AMS activities?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Health-care facility action plan and AMS progress report</i>	
2.a	Is there a mechanism to regularly monitor and measure the implementation of AMS activities?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Annual/ quarterly progress report on the implementation of the health-care facility AMS action plan</i>	
3	Is there dedicated financial support for the health-care facility <b>AMS action plan</b> ?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Health-care facility budget line with dedicated funds for AMS</i>	

## Accountability and Responsibility

4	Is there a multidisciplinary AMS <b>committee leadership</b> in the health-care facility with clear terms of reference?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>AMS committee TOR</i>	
4.a	Does the AMS committee meet on a regular basis (minimum monthly or quarterly)?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Minutes of last AMS committee meeting</i>	
4.b	Is the AMS committee a stand-alone committee with it's own governance structure or part of another committee e.g. Medicines and Therapeutics Committee OR IPC committee	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>		<i>Please state which committee</i>
5	Is there a dedicated AMS leader/champion identified for the health-care facility?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>AMS champion identified</i>	

5.b	Does the team leader or champion have dedicated staff time for AMS activity in their TOR/job description?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>TOR/job description includes AMS activities</i>	
6	Is there an AMS <b>team</b> with clear written roles and responsibilities or terms of reference?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>AMS team TOR</i>	
6.a	Does the AMS <b>team</b> meet on a regular basis?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Last AMS team meeting minutes (minimum weekly)</i>	
6.b	<p>Who are the members of the AMS team?</p> <ul style="list-style-type: none"> <li>● Pharmacists</li> <li>● Nurses</li> <li>● Medical doctors</li> <li>● Infectious diseases doctors</li> <li>● Surgeons</li> <li>● Clinical microbiologists</li> <li>● Laboratory Microbiologists</li> <li>● ITU Consultants</li> <li>● Data analysts</li> <li>● Infection control staff</li> </ul>	<p>Add professional group of members of the team here or add not applicable</p>		



7	Are other health-care professionals apart from the AMS team involved in AMS activities?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Evidence of involvement of other health-care professionals in AMS activities</i>	
8	Does the AMS <b>committee/team</b> collaborate with other health care teams such as Drug and Therapeutics, IPC, HIV/TB, Quality Improvement teams at the health-care facility	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Evidence to show collaboration or joint meetings</i>	
9	Does the AMS <b>team/committee</b> produce regular (descriptive) activity reports on the implementation of the AMS programme?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>AMS committee report</i>	
9.a	Is the AMS activity report disseminated to the facility management, other health-care facility team members and appropriate national authority?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Latest AMS activity report, summary report to national AMS TWG</i>	

## AMS Actions

10	Is there a standard treatment guideline at the health-care facility?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Health-care facility standard treatment guideline including infection prevention management guidelines</i>	
10.a	Are the guidelines reviewed and updated periodically based on the availability of new evidence?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Document of guideline review processes</i>	
11	Is there a regular review/audit of <b>specified antibiotic therapy</b> or clinical conditions at the health-care facility?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>AMS audit report</i>	
12	Is the advice/feedback from AMS teams easily accessible/available to prescribers?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Feedback report from AMS team</i>	

13	Does the AMS team conduct regular ward rounds and other AMS interventions in selected departments in the health-care facility?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Ward round reports</i>	
14	Does the health-care facility have a formulary/ list of approved antibiotics for use based on the national formulary?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Health-care facility formulary/ drug bulletin report</i>	
14.a	Does the health-care facility formulary specify lists of restricted antibiotics that require approval by a designated team or person (pre-authorization)?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Health-care facility formulary with restrictions</i>	
15	Does the health-care facility have access to laboratory and imaging services (on-site or off-site) that can be used to support AMS interventions?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Sample laboratory report</i>	

16	Are there information technology services, tally cards or other inventory control tools available that can be used to support data gathering to support AMS activities?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Availability of functional IT services, inventory control tools</i>	
17	Is there standardized prescription charts, medical records/patient folders and transfer notes to support treatment and AMS activities?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Availability of prescription charts and medical records</i>	
17.a	Does the health-care facility have a written policy that requires prescribers to document the indication and antibiotics prescribed in a prescription chart/ medical records?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Policies on prescribing</i>	
<b>Education and Training</b>				
18	Does the health-care facility include AMS program such as optimizing antibiotic prescribing, dispensing and administration in the staff induction training?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Induction training manuals</i>	

19	Does the health-care facility offer continuous in-service training or continuous professional development on AMS, IPC to staff?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>In-service training manuals/CPD/continuous medical education</i>	
20	Does the health-care facility/ ensure training for AMS team on antimicrobial stewardship/ infection prevention and control	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Training reports, interviews with staff</i>	
21	Did the facility hold any World Antimicrobial Awareness Week (WAAW) activities in 2019 or 2020?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Share some examples of activities carried out</i>	
22	Does the facility have any awareness campaigns for patients on the responsible/rational use of antibiotics?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>		

23	<p>Were any of the following campaign days promoted during 2019 or 2020? World Water Day, World Toilet Day, World Children's Day, Immunization campaigns, World AIDS Day, World TB Day, World Malaria Day, and World Nutrition Week for sustained action?</p> <p>Please state which:</p>	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>		
<b>Monitoring and Surveillance</b>				
24	<p>Are regular prescription audits, point prevalence surveys <b>to assess the appropriateness of antibiotic prescribing</b> undertaken at the facility by AMS committee or relevant team?</p>	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<p><i>Number of audits conducted with report</i></p>	
25	<p>Does the health-care facility regularly monitor the quantity and types of antibiotic use (purchased/prescribed/dispensed)?</p>	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<p><i>Antimicrobial consumption report</i></p>	
25.a	<p>Does the health-care facility regularly monitor shortages/stock outs of essential antimicrobials?</p>	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<p><i>Stock out report</i></p>	

25.b	Is there a mechanism to report substandard and falsified medicines and diagnostics at the health-care facility?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Reports of substandard/falsified antimicrobials and diagnostics</i>	
26	Is antibiotic susceptibility and resistance rate for a range of key indicator bacteria regularly monitored within the facility?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Antimicrobial surveillance report</i>	
27	Does the AMS team monitor compliance with at least one specific AMS intervention (e.g. indication captured in medical records for patients) at the health-care facility?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>AMS intervention report</i>	
<b>Reporting Feedback within the Health-care facility</b>				
28	Does the AMS committee/ team analyze and report on the quantities of antibiotics purchased/prescribed/dispensed to prescribers and health-care facility management?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Antimicrobial consumption report</i>	

29	Does the AMS committee/ team review, analyze and report on antibiotic susceptibility rates and key findings shared with prescribers?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Not currently in place/implemented</li> <li>- Planned but not started</li> <li>- Partially implemented</li> <li>- Fully implemented</li> <li>- Unknown</li> <li>- Statement not clear/not understood</li> </ul>	<i>Evidence of dissemination of susceptibility report</i>	
30	Does the AMS team communicate findings from audits/ reviews of the quality/appropriateness of antibiotic use to prescribers along with specific action points?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Reports to prescribers with action points</i>	
31	Does the health-care facility develop an aggregate antibiogram (annex VIII, page 71 of WHO AMS toolkit) and regularly update it?	<p>DELETE AS APPROPRIATE:</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Somewhat</li> <li>- Unknown</li> <li>- Statement is not clear/not understood</li> </ul>	<i>Availability of Antibiogram</i>	



**Opportunities and threats to AMS within facility and Action Plan**

<p>What do you believe are the main barriers to effective antimicrobial stewardship in your organization?</p>	
<p>What are opportunities that can be leveraged on?</p>	
<p>Please state briefly what the key actions (max 5) will be taken as a result of the pre assessment using this tool.</p>	

## Antimicrobial Stewardship Activities

	<b>Yes/No/Unsure</b>	<b>Comments</b>
Has the facility previously participated in the CwPAMS project?		
Has the facility previously participated in another internationally funded project linked to AMR/AMS?		
Has the facility contributed to WHO Antimicrobial Use data collection?		
Has the facility contributed to the WHO Point Prevalence Survey (PPS)?		
Has the facility contributed to the Global PPS platform?		
How many point prevalence surveys on antimicrobial consumption were completed at the institution?		

<p>How long after the antimicrobial consumption data collection was feedback provided to relevant clinicians. If more than one PPS completed, provide answer based on the first PPS</p>		
<p>Has any member of the partnership team had any involvement in the development or implementation of the national AMR action plan?</p>		
<p>Is there use of prescribing apps or other digital health aids within the facility?</p>		<p><i>Please provide any information on digital health, use of prescribing apps</i></p>
<p>Can you give any examples of initiatives to improve AMS within the facility?</p>		
<p>How many guidelines/tools are currently available for infection management or antimicrobial prescribing/stewardship?</p>		<p><i>Please list the antimicrobial prescribing or stewardship guidelines/tools/protocols. E.g. IV to Oral Switch Policy - xxxx hospital - date of review January 2018</i></p>
<p>How many guidelines/tools are currently available for infection prevention and control?</p>		<p><i>Please list the infection prevention and control protocols. E.g. Hand Hygiene policy - xxxx hospital - date of review January 2018</i></p>

## Hospitals, Pharmacists and Pharmacy Technicians - please provide comments

Question	Brief response or numbers	<i>Comments</i>
How many pharmacists are there in the institution?		
How many pharmacy technicians are there in the institution?		
What roles do pharmacists generally fulfill? E. g. clinical vs dispensing		
What roles do pharmacy technicians fulfill?		
Does Pharmacy within the facility sell medicines to members of the public (i. e. patients not admitted to the facility)?		

Is there any pre-service and in-service training on AMR/AMS education for pharmacists?		
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***The completed form should be submitted with CwPAMS application form***