

# Antimicrobial Stewardship



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# Introduction

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## **Purpose of Training**

Samaritan Health Services has created the following training to meet the DNV requirement for education related to Antimicrobial Stewardship.

Assignment of this training has been approved by SHS Antibiotic Stewardship Committee, and GSRMC Quality Improvement.



## **Course Requirements**

To pass the training, you must answer ALL quiz questions correctly

**For questions and concerns related to:**

- Reason for assignment, course content, or quiz questions/answers, contact Jade Bryant at [jadeb@samhealth.org](mailto:jadeb@samhealth.org).
- Technical issues, including courses not progressing or grading correctly, contact eLearning at [elearning@samhealth.org](mailto:elearning@samhealth.org).

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## Outcomes

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At the end of this module, the learner will be able to:

- Summarize the principles of antimicrobial stewardship.
- Describe the role of healthcare providers in antimicrobial stewardship.
- Identify SHS antimicrobial stewardship initiatives and policies.

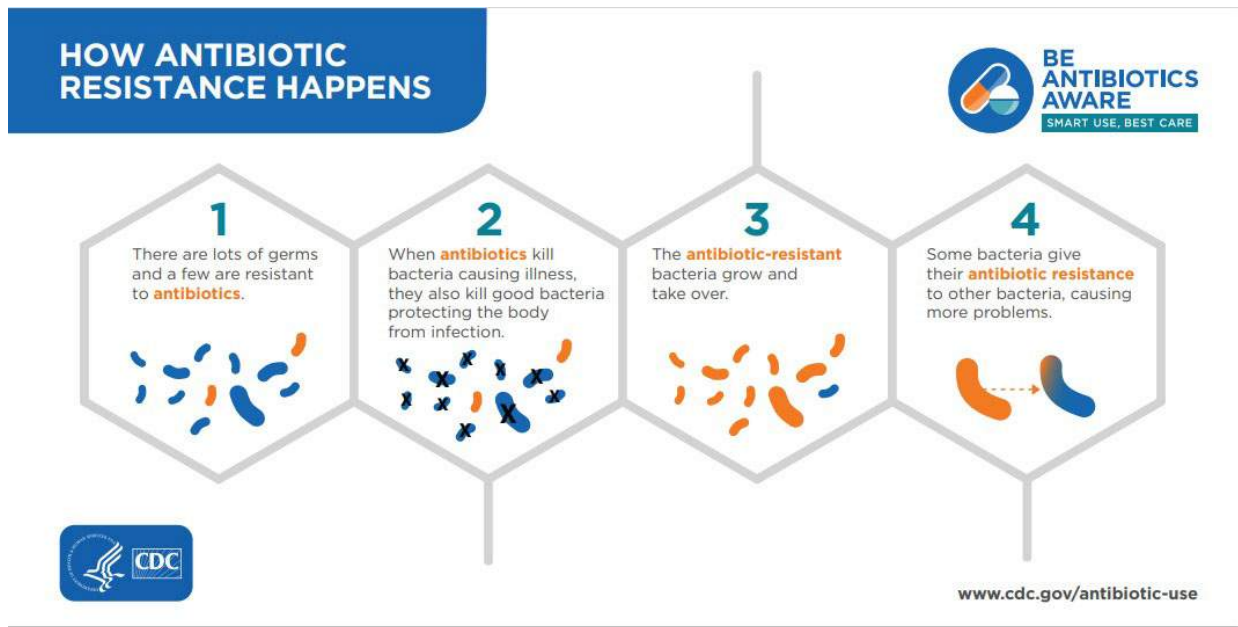
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# What is Antimicrobial Stewardship

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Antimicrobial stewardship refers to the global effort to protect and preserve the efficacy of all antimicrobials including antibiotics, antivirals, and antifungals.

- Appropriate antimicrobial use:
  - minimizes toxicity to patients
  - reduces future resistance
  - optimizes patient outcomes
  - optimizes and reduces healthcare costs



Click on image to zoom

This is a global problem, but in the US, more than 2.8 million infections are caused by antimicrobial resistant pathogens each year.

Overuse of antimicrobials can make them ineffective against bacteria and fungi (antimicrobial resistance) so we all must be good stewards of antimicrobials.

Hospital accreditation agencies require hospitals to support and engage in an antimicrobial stewardship program.

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# Your Role in Antimicrobial Stewardship

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Prevent and control the spread of antimicrobial resistance by following infection prevention and control principles:

- Wash your hands, etc.
- Cover your mouth and nose when coughing or sneezing.
- Stay home when you're sick.
- Avoid touching your eyes, nose, and mouth with unwashed hands.
- Avoid close contact with people who have colds or other upper respiratory infections.
- Get recommended vaccines.



*Click on image to zoom*

## How we can all help- Be Antibiotic Aware!

Use antibiotics appropriately Prescribing or requesting antibiotics when they aren't needed can cause harm and increase healthcare costs.

Antibiotics only treat certain infections caused by bacteria such as strep throat, urinary tract infection, and whooping cough.

Antibiotics do not work on viruses such as those that cause common cold, most sore throats, flu, and bronchitis.

Review Samaritan's [Isolation Precautions Policy - GSRMC, SAGH, SLCH, SNLH, SPCH, SMG](#)

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## SHS Antimicrobial Stewardship Committee

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- SHS Antimicrobial Stewardship Committee is comprised of an interdisciplinary team:
  - Chair - Adam Brady, MD.
  - Co-Chairs - Jeremy Tigh, RPh and Jade Bryant, RPh.
  - SHS system representation from all five hospitals, physicians, pharmacists, quality improvement, infection prevention, microbiology, and information services.
- Click here to access [SHS Antimicrobial Stewardship Committee SharePoint Page](#)

Please review the following policies detailing Samaritan's Antimicrobial Stewardship Program and recommendations on antibiotic usage.

- [Samaritan Health Services PolicyTech. Antimicrobial Stewardship Program Policy - GSRMC, SAGH, SLCH, SNLH, SPCH.](#)
- [Samaritan Health Services PolicyTech. Antimicrobial Stewardship Program Procedure- GSRMC, SAGH, SLCH, SNLH, SPCH.](#)
- [Samaritan Health Services PolicyTech. Antibiotics for Surgical Prophylaxis Procedure- GSRMC, SAGH, SLCH, SNLH, SPCH.](#)
- [Samaritan Health Services PolicyTech. Therapeutic Interchange \(IV to Oral\) Policy - GSRMC, SAGH, SLCH, SNLH, SPCH.](#)

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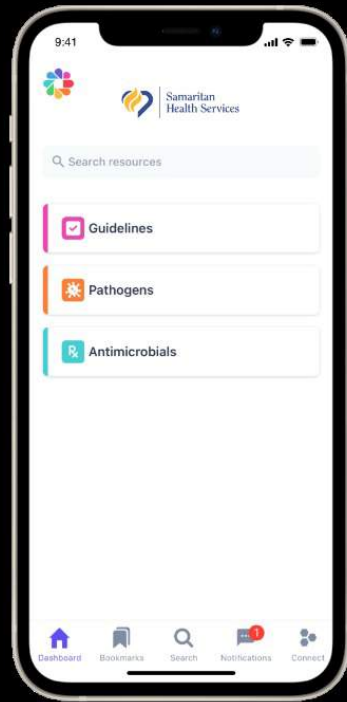
## Firstline at SHS

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All staff are invited to use Firstline to reference Samaritan specific treatment guidelines and support antimicrobial stewardship efforts at SHS. This is a free resource for all SHS staff.

The application provides access to up-to-date guidelines, infection control recommendations, pathogen, antimicrobial information and antibiogram data, all adapted to fit the specific needs of Samaritan Health Services.

You can download the Firstline app on your mobile phone or access the website from the link on the Antimicrobial Stewardship Committee SharePoint.



Guidelines now available



Firstline

Mobile

Web Version

Click here to access SHS ([firstline.org](https://firstline.org)).

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# Quiz

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To pass the training, you must answer ALL quiz questions correctly. You will be able to retake the quiz if you don't pass.

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Question

01/03

Overuse of antimicrobials can make them ineffective against bacteria and fungi.

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Yes

No

Question

02/03

Antibiotics are great treatment option for the common cold.

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Yes

No

*Question*

**03/03**

Which of the following are true about Firstline.org?  
(select all that apply)

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- Firstline is available to all Samaritan Health Services staff
- Firstline provides up-to-date guidelines that are adapted to SHS, local pathogen resistance patterns and patient population
- Firstline is limited to physicians and pharmacists
- If I forget how to find Firstline, there is a link on the Antimicrobial Stewardship Committee Sharepoint Homepage

# References

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Click this button to exit the module

EXIT

Click this button to restart the module

RESTART

## References

- Centers for Disease Control and Prevention. [6 smart facts about antibiotics use](#) (Image). CDC.gov.
- Centers for Disease Control and Prevention, (n.d). [HOW ANTIBIOTIC RESISTANCE HAPPENS](#) (Image). CDC.gov. HOW ANTIBIOTIC RESISTANCE HAPPENS (cdc.gov)

- Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Division of Healthcare Quality Pro. (2022). [About Antimicrobial Resistance](https://www.cdc.gov/drugresistance/about.html). Centers for Disease Control and Prevention .  
<https://www.cdc.gov/drugresistance/about.html>
- Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Division of Healthcare Quality Pro. (2021). [Antibiotic Do's & Don'ts](#). Centers for Disease Control and Prevention .
- Samaritan Health Services PolicyTech. Antimicrobial Stewardship Program Policy - GSRMC, SAGH, SLCH, SNLH, SPCH. Retrieved January 16, 2025,  
from <https://samaritanhealthservices.navexone.com/content/docview/?app=pt&source=unspecified&docid=13908>
- Samaritan Health Services PolicyTech. Antimicrobial Stewardship Program Procedure- GSRMC, SAGH, SLCH, SNLH, SPCH. Retrieved January 16, 2025,  
from <https://samaritanhealthservices.navexone.com/content/docview/?app=pt&source=unspecified&docid=14060>
- Samaritan Health Services PolicyTech. Antibiotics for Surgical Prophylaxis Procedure- GSRMC, SAGH, SLCH, SNLH, SPCH. Retrieved January 16, 2025,

from <https://samaritanhealthservices.navexone.com/content/docview/?app=pt&source=unspecified&docid=8826>

- Samaritan Health Services PolicyTech. Therapeutic Interchange (IV to Oral) Policy - GSRMC, SAGH, SLCH, SNLH, SPCH. Retrieved January 16, 2025,

from <https://samaritanhealthservices.navexone.com/content/docview/?app=pt&source=unspecified&docid=12004>