



Let's get "Survey Ready"

Peerlytics Infection Management & ABX Stewardship software follows state and federal infection control and antibiotic stewardship guidelines. In this document we outline the reports and process that may be requested during the survey process. Getting acquainted with the reports and Peerlytics workflow has been proven to be successful.

Antibiogram:

The antibiogram is generated by inputting sensitivity reports into Peerlytics. Every sensitivity report is linked to the patient and thus correlates with following resistance patterns on a patient specific level. On the 72 hour report the sensitivity report will be listed along with the antibiotic that the patient is on so that we can ensure that the bug is sensitive to the medication that the patient is on.

Some recommended verbiage would be:

- "We monitor resistance patterns by inputting sensitivity reports into Peerlytics". Most sensitivity reports are linked to an antibiotic and patient, this will show up on the 72 hour report for review by staff. We will contact the provider in the event the bacteria is not sensitive to the medication that the patient is currently on."
- "The entry of patient sensitivity reports also creates our communities/facilities own antibiograms. An antibiogram can be useful for tracking local resistance patterns within the community/facility so that over time we can tailor antibiotic usage to this facility and reduce resistance."

Antibiotic Usage Report:

This report is a line list of medications used within the community/facility. This includes medications and infections that originated outside the community/facility as well as ones that originated in house. This report shows that you are monitoring antibiotic use in general and tracking it in real time.

Infection Rate Report:

This report tracks and trends infections that are acquired within your community/facility. The report is auto generated within the last year of the date you select using census days that you have entered into the system.

Days of Therapy Report:

This report is helpful to evaluate total antibiotic burden within your facility/community. It incorporates both the number of medications given as well as days of exposure.



Prescribing Providers Report:

This report shows a table of medications that were prescribed that did not necessarily meet criteria for an infection at that time. This is only off of SBARs that were produced and if a medication was prescribed as a result. This report shows that you are utilizing evidence based criteria (McGeer) to track appropriate antibiotic usage.

Some recommended verbiage would be:

- “Peerlytics utilizes McGeer criteria to indicate if an antibiotic might be appropriate in each SBAR that is generated. The system automatically cross references the signs and symptoms put in by staff and tells the provider if criteria for infection/an antibiotic is met and posts it right on the SBAR that is generated. This way we can track what percentage of infections that met criteria.”

Facility Map:

This report maps out facility infections on your facility map. This way you can find potential infection control trends and put precautions in place to stop infections from spreading in the facility. The Doppler feature visually populates infection on your facility map over a 21 day timespan. And the Active Cases map shows the current infections and watch & waits in your community/facility.

Antibiotic Timeouts:

This is an important feature within the Peerlytics program to highlight your community/facilities commitment to antibiotic stewardship and standardization of communication to providers.

Peerlytics Workflow:

Utilize the tools provided with the Infection Management & ABX Stewardship workflow to speak to your process surrounding tracking, trending, documenting and infection surveillance. This can provide your community/facility the best clinical outcomes while giving surveyors the confidence and demonstrating compliance in your Infection Prevention & Control Program