small **Talks: Infection Tracking**

Name: Dave Johnson / IPRO Senior QI Specialist

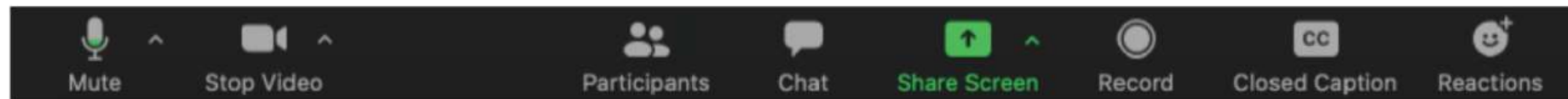Date: January 13, 2022 & January 19, 2022

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Use Chat to introduce yourself & ask questions

How to use Zoom

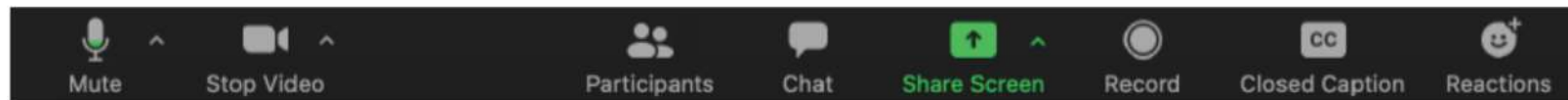At the bottom of your screen, you will see a black bar with icons:

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Chat **Everyone** for general comments or questions

Using Zoom

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All participants are able to mute and unmute themselves

You can also control whether or not your video is showing

Welcome!

- Thank you for joining us today

- Please introduce yourself (name, organization & role, location) using the Chat feature

- Today's presentation only will be recorded.

- Although we want active participation, we ask that you please keep yourself on 'mute' during the presentation

The IPRO QIN-QIO

The IPRO QIN-QIO

- A federally-funded Medicare Quality Innovation Network – Quality Improvement Organization (QIN-QIO) in contract with the Centers for Medicare & Medicaid Services (CMS)

- 12 regional CMS QIN-QIOs nationally

IPRO:
New York, New Jersey, and Ohio

Healthcentric Advisors:
Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont

Qlarant:
Maryland, Delaware, and the District of Columbia

Working to ensure high-quality, safe healthcare for
20% of the nation's Medicare FFS beneficiaries

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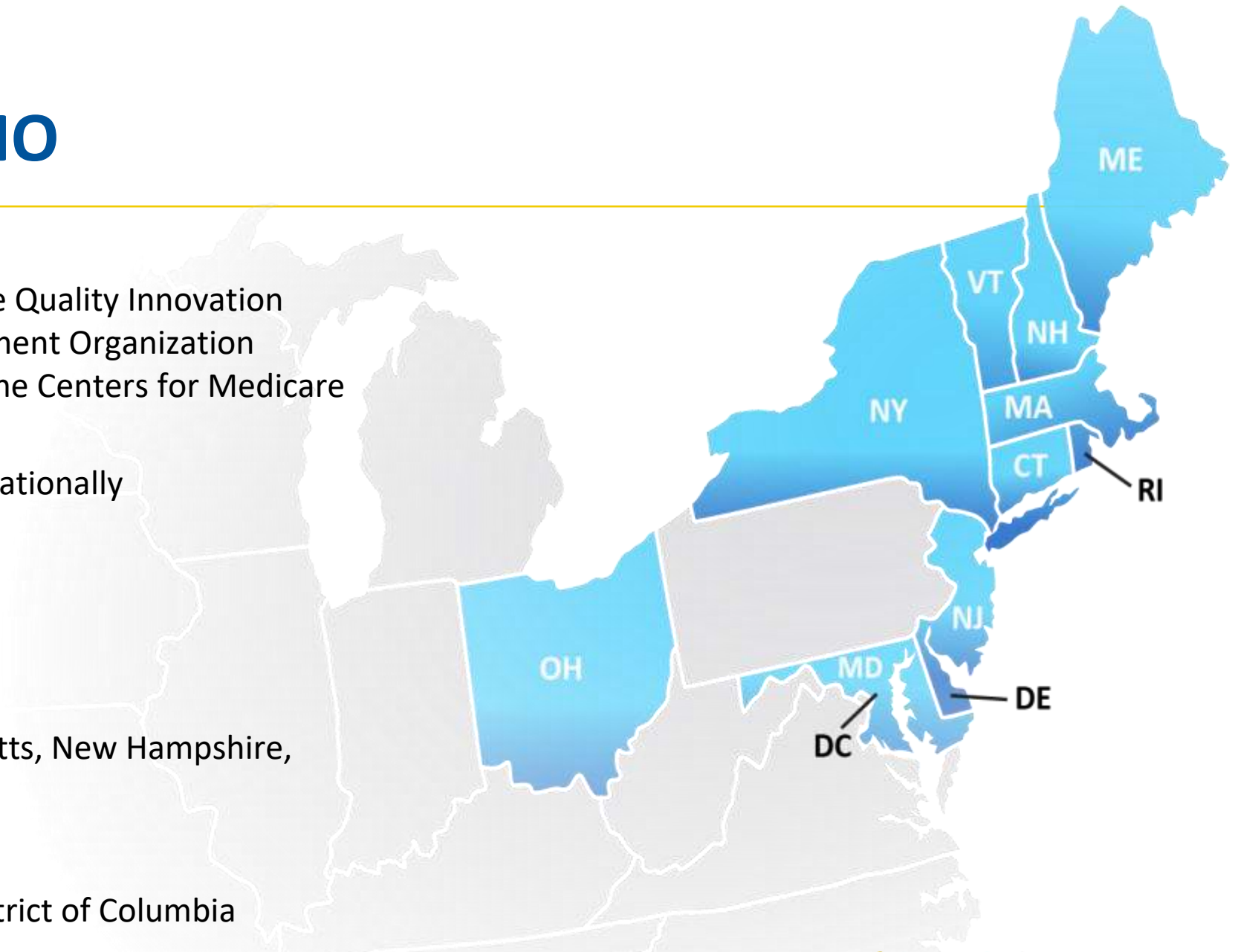
Learning Objectives

- Recognize CMS' Nursing Home requirements for infection prevention and control, including antibiotic prescribing *(the Challenge)*

- Describe how the IPRO tracking tool can help you meet CMS' requirements *(the Intervention)*

- Be prepared to implement this tool to comply with CMS' requirements *(the Result)*

small **Talks: Infection Tracking**

Name: Dave Johnson / IPRO Senior QI Specialist

Date: January 13, 2022 & January 19, 2022

Goals for this session...

- To review some basic requirements from the Final Rule regarding Infection Prevention and Control including the tracking of Antibiotics

- To present the latest IPRO tracking tool to meet these needs

Final Rule – Infection Control F880

The intent of the regulation is to ensure that each facility…

- Establishes facility-wide systems for the prevention, identification, investigation and control of infections.

- The facility's surveillance system must include a data collection tool and the use of nationally-recognized surveillance criteria (i.e. McGeer, Loeb, NHSN)

- Infection site (i.e. type of infection)

- Pathogen (if available)

- Signs and Symptoms

- Resident Location

- Summary and Analysis of the number of residents who developed infections

Final Rule –Infection Prevention & Control Program F881

- The intent of the regulation is to ensure that each facility…

- Develops, promotes and implements a facility-wide system to monitor the use of antibiotics

- Antibiotic Stewardship Program

- Regular reporting on antibiotic use and antibiotic resistance to relevant staff such as prescribing clinicians and nursing staff

- Contain a system of reports to monitor antibiotic usage

"Antibiotic Stewardship"

- refers to a set of commitments and actions designed to optimize the treatment of infections while reducing the adverse events associated with antibiotic use. This can be accomplished through improving antibiotic prescribing, administration, and management practices thus reducing inappropriate use to ensure that residents receive the right antibiotic for the right indication, dose, and duration.

Final Rule – Infection Prevention & Control Program F881

- Summarizing antibiotic use…

- Rate of new starts

- Types of antibiotics prescribed

- Days of antibiotic treatment (i.e. per 1000 resident days)

- Establish a frequency and mode or mechanism of feedback to prescribing practitioners regarding their antibiotic use, feedback on prescribing practices and compliance with facility antibiotic use protocols

Challenge

Does your facility have a current system in place to comply with even the basics of the Final Rule regarding Infection Prevention and Control?

IPRO's Infection & Antibiotic Tracking Tool

One tool in a simple Excel format that tracks…

- Infections

- Antibiotics

- Days of Therapy

- Prophylaxis Use

- Infection Rates (Facility-wide and Location-Specific)

- Prescribing patterns by all practitioners (combined)

- Prescribing pattern reports by individual practitioners

- All calculations, summaries and graphs are instantaneous

IPRO's Infection & Antibiotic Tracking Tool

- This one tool is built to be used monthly

- Each month is saved as a separate file

- A "month-end routine" automatically removes infections that have resolved, residents who have been discharged and antibiotics that have been stopped

- All remaining data is automatically saved to a new file to continue tracking for the next month

- All summaries and graphs are formatted to easy printing

- All data may be "carved up" by up to 16 separate user-defined locations

- Ability to track prescribing patterns for up to 25 separate prescribing practitioners

Let's take a look at the tool…

Data Entry Sheet

"Location Designation" Sheet

"Facility-wide Summary"

Prescriber Listing "tab"

ALL Prescriber ABX Practice
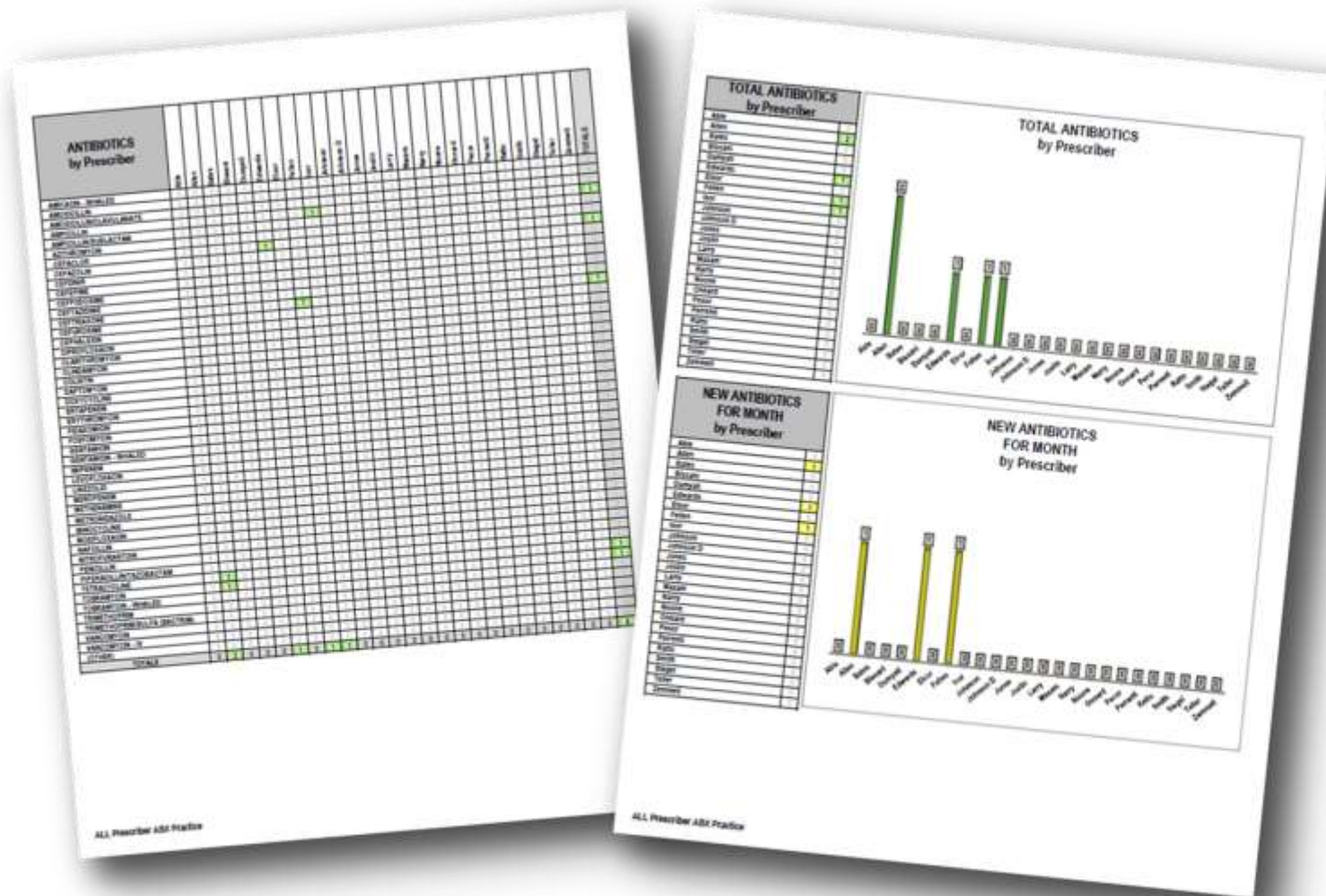
Prescriber ABX Detail
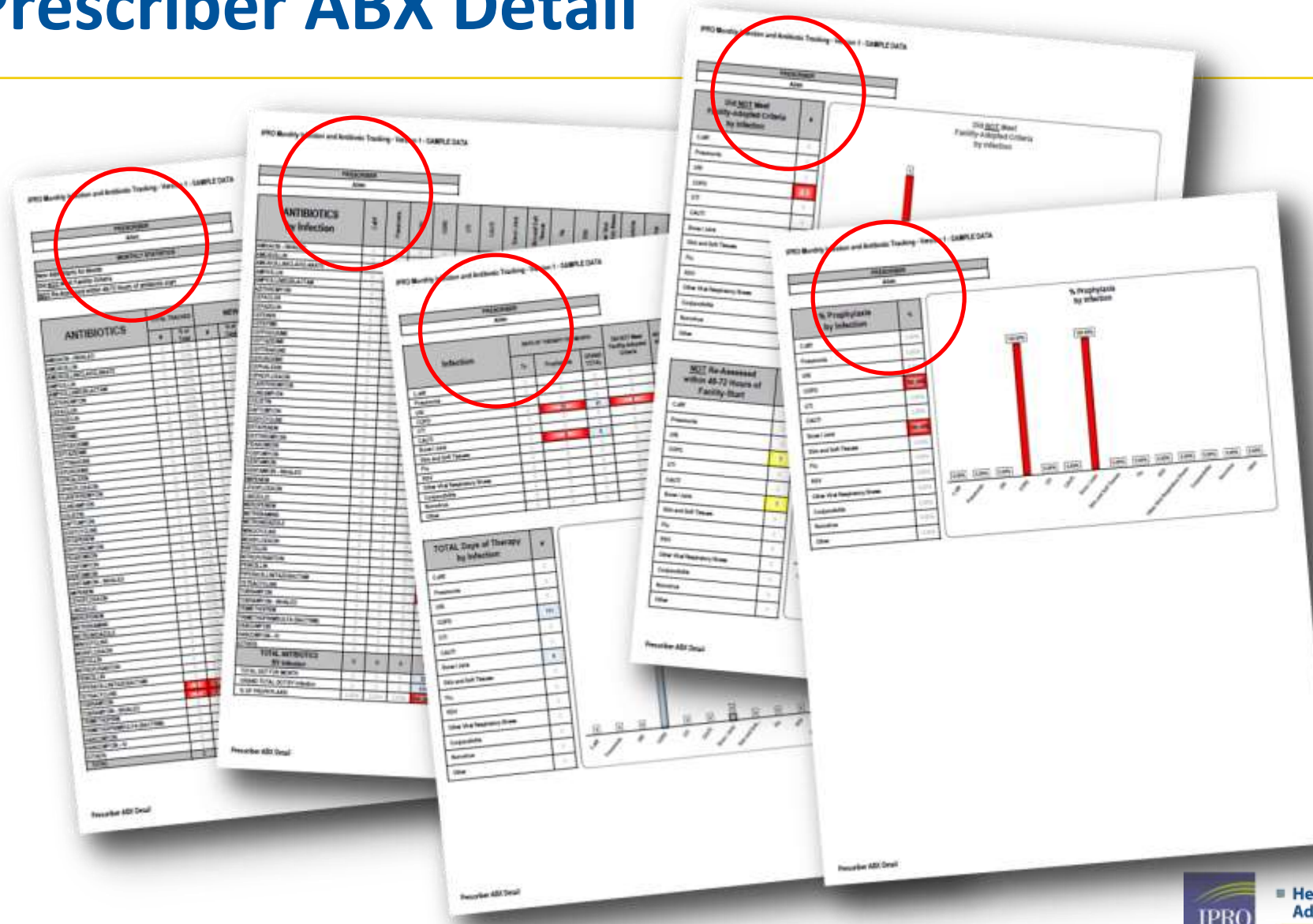
"Nationally Recognized Surveillance Criteria"

Element 3 in the 5 elements in QAPI…

- Feedback, Data Systems and Monitoring

  "The facility puts in place systems to monitor care and services, drawing data from multiple sources."

- Once information has been gathered, you need to organize it in a way that helps your team understand what is happening.

- The effective use of data will ensure that decisions are being made based on "fact" and not on an assumption of the truth.

- QAPI Teams and Performance Improvement Project (PIP) Teams need data to ensure they are targeting the right areas.

Intervention

- Establish a competency with the requirements of the Final Rule

- Ensure that you have a strategy to meet those requirements

- Make sure that your strategy includes a useful process/tool to collect, review, and analyze your data on infections and antibiotic prescribing patterns

- Develop a timely process to review your collected data with appropriate clinicians

How do you gain access to the tracking form?

To gain access/download to the Monthly Infection and ABX Tracking Tool, simply go to this link…. https://qi.ipro.org/2020/06/10/covid19-surveillance-detection-tool/

You will be taken to a page where, if you scroll down, you will see buttons to download the instruction booklet and "Request the Tool" itself.

You will be asked to enter your e-mail, name, company and state (for our own internal tracking).

Resource

- https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/GuidanceforLawsAndRegulations/Nursing-Homes

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Small Talks
BIG IMPACT

Benefits of Boosters

[Recent evidence](#) shows that among healthcare and other frontline workers, COVID 19 vaccine effectiveness has decreased over time, especially in those 65 and older, at preventing infection or milder illness with symptoms.

- Boosters shots increase immune response
- Boosters shots provide improved protection against becoming infected with COVID-19
- Booster shots help prevent COVID-19 with symptoms

https://www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html

Q & A Session

- Please feel free to put your questions in Chat – this is your opportunity to share/ask/clarify

- Thank you for participating!

Leave in Action

Tips for success:

- Identify 1 or 2 champions to take the lead on this project

- Small steps of change: for example, start implementing the new process on one unit for two weeks, then evaluate and adjust as needed

- Reach out to your QIN-QIO with questions or needs

Office Hour Follow Up

- Join us on Feb 17th at 12PM for a check in with the QIO Office Hours.
  - Share how it's going with your new intervention
  - Ask questions
  - Learn from your peers

  - Monthly Office Hours
    - Join Zoom Meeting
    - https://healthcentricadvisors.zoom.us/j/85491530818?pwd=SUlId3QyZllvQURJTVBFdzJndnRqdz09

Evaluation form

Please take just a few minutes to complete our evaluation form here:

https://www.surveymonkey.com/r/VZYYW3F

This link will also be emailed to all registered attendees.

Your feedback is very important and will help guide us as we prepare future Small Talks and other educational events.

Small Talks series – see what's coming up next

- Adverse Drug Events:
  - January 27, 2022
  - February 2, 2022

Learn More & Stay Connected

https://qi.ipro.org/

Thank You

Thank you for your continued partnership and commitment to quality improvement.