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Infection Preventionists Must Be Involved

- IPs not involved early on during COVID-19 pandemic
 - Protocols were not evidencebased
 - Staff felt unsafe
 - Confusion & distrust



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Major article

Infection preventionists' experiences during the first nine months of the COVID-19 pandemic: Findings from focus groups conducted with Association of Professionals in Infection Control & Epidemiology (APIC) members



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"Decisions were being made in organizations without their infection preventionists, which was resulting in extreme difficulties in coordinating throughout the county"



Increased Need for Infection Preventionists (IPs)

- Their workload will increase dramatically
- Field currently facing challenges in hiring and maintaining qualified IPs
 - Many left the field during the pandemic
 - Burnout
 - Difficult to find interested or qualified staff
 - Existing IPs are too overworked to train new staff

- 25% of facilities had open IP positions in 2019
- > half of LTCFs have had an IP leave in the last 2 years
- 40% will retire in the next 10 years

Need investment in incentives for universities to create an academic pathway into IPC & incentives for individuals to join the field



Association for Professionals in Infection Control & Epidemiology (APIC) IPC Acuity Scale

- A flu & AMR pandemic will overwhelm IPC
- Need strategic approach to prioritize workload:
 - What to maintain
 - What to delegate
 - What to drop (temp)

Any situation when patient surges result in untenable IPC workloads

Infection Prevention and Control (IPC) Acuity Scale for Crisis Situations

EMPHASIZE: Make high priority

Updating and providing education/support for personal protective equipment (PPE) donning/doffing practices and supporting changes in practices as new guidelines emerge

Surveillance activities for high-risk, high-impact healthcare-associated infections (HAIs

Investigating clusters/urgent events (floods, foodborne outbreaks, etc.), providing response guidance and reporting (COVID and non-COVID)

Attending COVID related operations/incident command/ planning meetings and providing IPC input on COVID-related protocols

Rounding to support staff, provide consultation, assess correct isolation precautions, etc.

Patient-to-patient and employee-to-patient contact tracing

Vetting new PPE and low-level disinfection products (especially when supply chain issues emerge)

Construction design input for high-priority projects that cannot be delayed

Regulatory support during surveys, unannounced inspections

LESSEN EMPHASIS: Consider delegating to trained non-IP staff

Rounding on utilization of PPE and low-level disinfection practices

Vaccine clinic staffing

Administrative and/or data analysis tasks related to IPC surveillance (e.g. consider outsourcing surveillance with IP validation or having the IP per-form the surveillance and utilize data analysts to build charts, graphs, etc.)

Data entry for reportable conditions

PPE counts

DECREASE EMPHASIS: Consider setting aside during crisis

Attendance at committee meetings unrelated to emergency, unless deemed critical

Employee-to-employee contact tracing

Performance improvement teams with infection prevention leadership unrelated to emergency,

Antimicrobial stewardship responsibilities specific to infection prevention

Observational audits

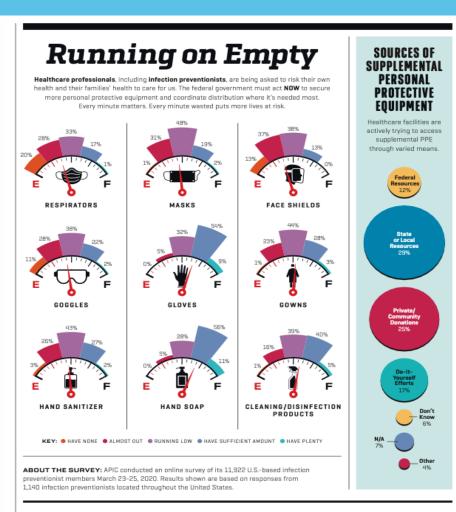
Surveillance activities for lower-risk, lower-impact healthcare-associated infections (HAIs)

Participating in non-infection prevention related environment of care (EOC) rounds, routine policy and procedure review



Personal Protective Equipment (PPE) Will Be Limited

- COVID-19 in Spring 2020
- First cases in US
 - Healthcare surge
- APIC COVID-19 task force did a member survey about PPE
- The Defense Production Act enacted
 - May need to do again





ABOUT APIC: The Association for Professionals in Infection Control and Epidemiology (APIC) is the largest association of healthcare professionals dedicated to infection prevention and control. APIC's nearly 16,000 members are dedicated to creating a safer world through the prevention of infection. Visit APIC's COVID-19 webpage at: https://apic.org/covid19/.



Implement PPE Crisis Protocols

- Must be evidence-based
- Train staff
- Observe practice regularly
- Work with healthcare staff to ensure their comfort, safety, and support for the protocols

Consider transitioning away from some types of disposable or single-use PPE and implementing more options for cleanable and reusable PPE



Focus on Basic IPC Practices

- The basics are often dropped when staff are overworked, burned out, and/or stressed
- Ensure qualified IP involved in surveillance
 - Validate the data
- Depends on the exact organism involved, but generally:
 - Standard & transmission-based precautions
 - VAE & pneumonia prevention bundles
 - Prevent aspiration, aerodigestive tract colonization, and contaminated equipment



Focus on Basic IPC Practices

- Many AMRs can be spread through a contaminated environment
- Work with environmental services staff
 - Cleaning and disinfection
- Select the appropriate disinfectant
 - Ensure adequate supply
- Train staff
- Observe practice



Provide Resilience Training & Support for IPs

"It's like we went from healthcare hero to the worst person in the world"

- Allow IPs to work from home periodically or regularly
- Insist IPs take time off
 - When off, do not answer pages or email
- Involve EAP/offer counseling, including having counselors available on units for staff to obtain real time assistance
- Provide resilience training to staff
- Bring in trained counseling professionals
- Peer to peer support and assistance
- Daily huddles or weekly meetings to debrief and talk through challenges

- Create a "stressless" or tranquility room or space with a massage chair, aromatherapy, snacks or just quiet space
- Forum where IPs can talk to others about their experiences
- Read books on resilience and discuss coping strategies as a group
- Double the number of people on call to spread out the work
- Financial incentives, such as overtime when called in during off hours
- Listening sessions with staff and then implement tangible changes based on feedback
- Share links for community webinars or other sources of wellness training

