



An Initiative of the Florida Hospital Association  
Hospital Improvement Innovation Network

## Infection-Related Ventilator-Associated Complications Resource Guide

Patients developing infection-related ventilator-associated complications (IVAC) are at high risk for outcomes such as pneumonia, peptic ulcer disease, gastrointestinal bleeding, aspiration, venous thromboembolic events and sepsis that can lead to death. Strategies to reduce the risk of ventilated patients from developing complications have been known for years. Below, you will find resources that will assist you in your efforts to reduce the risk for developing an IVAC.

### Resources

#### FHA:

- [IVAC Checklist: Top 10 Process Changes](#)
- [FHA UP Campaign](#) - Cross-cutting harm reduction strategies
  - [SOAP UP](#) - Hardwire Hand Hygiene
  - [GET UP](#) - Mobilize Patients
  - [WAKE UP](#) - Prevent Oversedation
    - [SCRIPT UP](#) – Optimize Inpatient Medications

#### Health Resource & Educational Trust (HRET):

- [Ventilator-Associated Events \(VAE\) Change Package](#)
- [VAE Top 10 Checklist / Date of Last VAE Poster](#)
- [VAE Resource Library](#)
- [Case Study](#)
- Journal Articles
  - [High-flow oxygen through nasal cannula in acute hypoxemic respiratory failure](#)
  - [Does noninvasive positive pressure ventilation improve outcome in acute hypoxemic respiratory failure? A systematic review](#)
  - [Potential strategies to prevent ventilator-associated events](#)
  - [Effect of daily chlorhexidine bathing on hospital-acquired infection](#)

#### Agency for Healthcare Research and Quality (AHRQ):

- [Toolkit To Improve Safety for Mechanically Ventilated Patients](#)

#### Centers for Disease Control and Prevention:

- [VAE Calculator v4.0](#)

#### Johns Hopkins Medicine:

- [CUSP for Mechanically Ventilated Patients - Ventilator Associated Pneumonia](#) | [CUSP 4 MVP-VAP Website](#)

**Coaching Calls:** For hospitals struggling with IVAC, the [FHA Quality Team](#) is available for one-on-one coaching calls.

## Training and Education

### FHA IVAC Webinar Series:

- Mar. 1, 2018: IVAC and the GET UP Strategies – [Recording](#) | [Slides](#)
- May 3, 2018: H.A.C.ing VAEs – [Recording](#) | [Slides](#)
  - [VAE bundle audit tool](#) | [VAE RCA tool](#) | [VAE transport bundle checklist](#) (peer resource sharing from Medical Center Navicent Health, Macon, GA)
- Aug. 15, 2018: Hospital Success Stories – [Recording](#) | [Slides](#)

### Virtual Events:

- Chasing Zero Infections Didactic Webinar: Preventing IVAC - [Recording](#) | [Slides](#)
- FHA Call to Action on Eliminating IVAC – [Slides](#)
- No Tubes, No Vents, No VAE – [Recording and Slides](#)
- Use Bundles to Bust VAE – [Recording and Slides](#)
- Making a Difference – [Recording and Slides](#)
- Chasing Zero Infections VAE Coaching Call – [Recording](#) | [Slides](#)
- Headed in the Wrong Direction – [Recording and Slides](#)
- The ABC's of VAE – [Recording and Slides](#)
- VAE/VAP Prevention: Getting to the Next Level – [Recording and Slides](#)
- SOAP UP | Making It Fun Makes a Difference – [Recording and Slides](#)
- GET UP | Early Mobility Matters: In and Out of the ICU – [Recording and Slides](#)
- WAKE UP | Managing Pain, Avoiding Over-sedation – [Recording and Slides](#)
- SCRIPT UP | Optimizing Patient Medications, Minimizing Adverse Events – [Recording and Slides](#)

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**CONTACT US:** For questions or additional assistance, contact the [FHA Quality Team](#) at 407-841-6230