

Today's Date:

Provider Survey of Clinical Reasoning Leading to Obtaining Endotracheal Aspirate Cultures from Ventilated Patients (aka "sputum" cultures)

This survey is part of a quality improvement project to gain insight into the decision-making leading to respiratory cultures in ventilated patients.

1. Were you involved in the decision to obtain a respiratory culture from (patient name) _____ (culture date) _____?

- a. Yes. Please answer below based on your personal decision-making.
- b. No. Please answer below based on your impression of the team's decision-making.

2. Who was the first person to suggest obtaining a respiratory culture?

- a. Family member
- b. Bedside nurse
- c. RT
- d. Resident
- e. NP
- f. Hospitalist
- g. Fellow
- h. Attending
- i. Don't know

3. Why was a respiratory culture obtained from this patient?
*Check all relevant reasons and **circle** the #1 most important reason.*

Symptoms	<input type="checkbox"/> Change in Secretions <i>Select Description →</i>	<input type="checkbox"/> Increased volume/ suctioning frequency	<input type="checkbox"/> Thicker consistency	<input type="checkbox"/> Change in color <i>Describe:</i>	
Vitals	<input type="checkbox"/> Fever/ Hypothermia	<input type="checkbox"/> Decreased O2 Saturation	<input type="checkbox"/> More Frequent O2 Desaturation	<input type="checkbox"/> Increased End-tidal CO2	<input type="checkbox"/> Other Vital Sign Change <i>Describe:</i>
Ventilator	<input type="checkbox"/> Increased FIO2	<input type="checkbox"/> Increased Pressures	<input type="checkbox"/> Change in Mode (ie SIMV to HFOV)	<input type="checkbox"/> Re- Intubated <i>Select Reason →</i> <input type="checkbox"/> Work of Breathing <input type="checkbox"/> Oxygenation failure <input type="checkbox"/> Ventilation failure <input type="checkbox"/> Failed Extubation	
Diagnostics	<input type="checkbox"/> Rising WBC	<input type="checkbox"/> Bandemia	<input type="checkbox"/> Rising CRP	<input type="checkbox"/> New CXR opacity or other imaging finding	
Other	<input type="checkbox"/> Do not know	<input type="checkbox"/> Other Reason or Combination of Reasons <i>Describe:</i>			

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4. **What was the clinical concern or impression at the time the respiratory culture was obtained?**
 - a. Do not know or not sure
 - b. Concern for systemic infection
 - c. Concern for a respiratory infection
 - d. General concern for respiratory decline
 - e. General concern for clinical decline

5. **At the time the culture was obtained, did you know if the patient had had a prior culture within 72 hours (or 3 calendar days)?**
 - a. Yes, they did
 - b. No, they did not
 - c. Did not know

6. **When the culture was taken, did you think the results of the culture would help make a *diagnosis* of VAT or VAP?**
 - a. Yes
 - b. No

7. **When the culture was taken, did you think the results of the culture would help inform *antibiotic selection*?**
 - a. Yes
 - b. No

8. **Overall, how important did you think this respiratory culture would be for the patient's management?**
 - a. Not at all
 - b. A little
 - c. Very
 - d. Essential

9. **Your role on the patient's care team:**
 - a. Resident
 - b. NP
 - c. Hospitalist
 - d. Fellow
 - e. Attending

10. **Are you familiar with this patient or are he/she new to you?**
 - a. Familiar
 - b. New

11. **Any other comments?**

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FOLLOW-UP Provider Survey of Clinical Reasoning Leading to Obtaining Endotracheal Aspirate Cultures from Ventilated Patients (aka "sputum" cultures)

This survey is part of a quality improvement project to gain insight into the decision-making leading to respiratory cultures in ventilated patients.

1. **Were you involved in the decision to obtain a respiratory culture from (patient name) _____ (culture date) _____?**
 - a. Yes
 - b. No
2. **Did you fill out the initial survey for this patient?**
 - a. Yes
 - b. No
3. **Was the patient diagnosed with ventilator-associated tracheitis (VAT) or ventilator associated pneumonia (VAP)?**
 - a. Yes, skip questions 5 and 6
 - b. No, skip question 4
4. **If the patient was diagnosed with VAT/VAP, did the culture help make this diagnosis?**
 - a. Yes
 - b. No

4b. If yes, which information was most useful?

 - c. Gram Stain WBC
 - d. Gram Stain bacteria comment
 - e. Culture results
5. **If the patient was not diagnosed with VAT/VAP, did the culture help to exclude VAT/VAP?**
 - a. Yes
 - b. No

5b. If yes, which information was most useful?

 - a. Gram Stain WBC
 - b. Gram Stain bacteria comment
 - c. Culture result
6. **If not diagnosed with VAT/VAP, the patient was diagnosed with:**
 - a. Another type of infection
 - b. A non-infectious etiology
 - c. Unclear etiology/no diagnosis
7. **Now that the results are available, did the respiratory culture results help with antibiotic selection?**
 - a. Yes, de-escalated antibiotics
 - b. Yes, modified antibiotics
 - c. No, no antibiotic changes
 - d. No, antibiotics were changed based on other results
8. **How important do you think the respiratory culture was in the management of this patient?**
 - a. Not at all
 - b. A little
 - c. Very
 - d. Essential
9. **How is the patient doing since the respiratory culture was obtained?**
 - a. Back to baseline
 - b. Improved, not yet at baseline
 - c. Similar, no change
 - d. Worsened
10. **Your role on the patient's care team:**
 - a. Resident
 - b. NP
 - c. Hospitalist
 - d. Fellow
 - e. Attending
11. **Any other comments?**