

### **Aspiration Pneumonia (Critical Risk)**

Pneumonia is a breathing condition in which there is swelling or an infection of the lungs or large airways. **Aspiration pneumonia** occurs when food, saliva, liquids, or vomit is breathed into the lungs or airways leading to the lungs, instead of being swallowed into the esophagus and stomach. Individuals, who have a history of aspiration pneumonia, have multiple risk factors, have a diagnoses swallowing problem, have reduced mobility, are less alert, are post anesthesia, who eat and drink rapidly and/or place large amounts of food in their mouths, and continuous feedings are at a **Critical Risk** for aspiration pneumonia.

**Risk factors for breathing in of foreign material into the lungs are (*aspiration*) may include but are not limited to:**

- Being less alert due to medicines, illness,
- Problems with swallowing, choking, gagging or coughing with food or drink
- ng very fast or placing large amounts of food in the mouth
- Receiving medicine that cause drowsiness or muscle relaxation
- Older age greater than 45 in individuals with DD
- GERD
- Seizures
- Tube feeding- especially continuous feeds

**Some symptoms of aspiration pneumonia may include but are not limited to:**

- Shortness of breath
- Fever or low body temperature
- Wheezing
- Cough, choking or gaging with oral intake
- Change in behavior, appetite or mental status

**Outcomes associated with Aspiration Pneumonia include but are not limited to:**

- Chronic breathing problems
- Poor oxygen exchange casing damage to heart, brain, and other organs
- Abscess, infection of extra fluid in the lungs

**Recommendations:** Awareness of risk is important. Be alert to symptoms of changes in a person's health status and seek guidance from a health professional for any changes especially if the individual exhibits any of the symptoms above. Preventative strategies are essential for risk reduction and quick response to symptom identification can lead to early diagnosis and treatment reducing the risks for complications. You should consider including the following in the individuals care plan:

- Regular appointments with a health care provider as recommended.
- Consulting with a physical or occupational therapists for positioning guidelines.
- Consulting with speech therapists for evaluation and for swallowing and meal time guidelines.
- Developing an appropriate observation and health monitoring structure.
- Obtaining an assessment by Occupational Therapists for adapted equipment for eating, and positioning.
- Following all protocols and guidance from health professionals.



- Assuring competency of the staff for implementing all recommendations made by health care providers.
- Assuring everyone participating in the individuals care are CPR and First Aid certified.
- **Please contact a Registered Nurse Care Consultant at 804-786-1746 after developing your plan for technical assistance.**

## References

- Sources: Komiya, K., Ishii, H., & Kadota, J. (2015). Healthcare-associated pneumonia and aspiration pneumonia. *Aging and Disease*, 6(1), 27–37. <http://doi.org/10.14336/AD.2014.0127>
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- Torres A, Menendez R, Wunderink R. Bacterial pneumonia and lung abscess. In: Broaddus VC, Mason RJ, Ernst JD, et al., eds. (2016) *Murray and Nadel's Textbook of Respiratory Medicine*. 6th ed. Philadelphia, PA.
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**Please note: this information is not intended to replace the advice of a doctor or NP. Always seek the advice of your physician or other qualified health providers with any questions about your medical condition.**