

Quiz

1. Bernoulli's Law dictates that
 - A. Resistance to flow through a cylinder is inversely proportional to the radius to the fourth power
 - B. As velocity increases through a constant area, pressure on the lumen wall decreases, resulting in a tendency to collapse
 - C. Given the choice between a really, really good player and a really, really average player, a mediocre quarterback from the Big 12 will win the Heisman Trophy
 - D. All of the above
2. True or False. Barium swallow is the diagnostic modality of choice for posterior laryngeal cleft.
3. The most common vascular malformation causing compression of the trachea and stridor is
 - A. Double aortic arch
 - B. Pulmonary artery sling
 - C. Aberrant subclavian artery
 - D. A birth mark
4. True or False. MRI is superior to angiography in the diagnosis of vascular rings.
5. Airway fluoroscopy is excellent for the diagnosis of all of the following EXCEPT:
 - A. Subglottic stenosis
 - B. Bronchial foreign body
 - C. Tracheal foreign body
 - D. Vocal cord paralysis
 - E. C and D
6. True or False. The formula for calculating the appropriate sized endotracheal tube for a child 2 years of age or older is $4 + (\text{age}/4)$.
7. True or False. The air leak test is useful before extubation in children less than 7 years old.
8. The abnormality most commonly associated with chronic pulmonary aspiration is
 - A. Muscular dystrophy
 - B. Cerebral palsy
 - C. GERD
 - D. Graduation from a Big 12 school
9. The most common airway foreign bodies to cause death in children are
 - A. Vegetable matter such as nuts
 - B. Plastic toy pieces
 - C. Conforming objects such as balloons and latex gloves
 - D. Disc batteries
10. All of the following are true of cough variant asthma EXCEPT
 - A. This diagnosis is likely responsible for the recent increase in the prevalence of asthma
 - B. If, after 2 weeks, a child with cough has not responded to bronchodilator therapy, one should merely increase the dose and add inhaled steroids
 - C. The gold standard for diagnosis is Pulmonary Function Testing with a methacholine challenge
 - D. Most asthmatics develop asthma within the first 5 years of life

Answer Key

1. B
2. False
3. A
4. True
5. E
6. True
7. False
8. C
9. C
10. B