

- B. Narrowing of the glottic opening
- C. Difficulty in placing nasal airways
- D. Increased postoperative use of continuous positive airway pressure (CPAP) because obstructive sleep apnea (OSA) is more common

94-The CBF autoregulatory curve is shifted to the right by

- A. Hypoxia ( $P_{aO_2} < 50$  mm Hg)
- B. Volatile anesthetics
- C. Hypercarbia
- D. Chronic hypertension

95- Following a motor vehicle accident, a 25-year-old man with head trauma is brought to the operating room for repair of facial lacerations and fractures. The patient is cooperative but extremely micrognathic and weighs 150 kg (330 lb). Acceptable techniques for securing the airway include

- A. Blind nasal intubation
- B. Direct laryngoscopy after rapid-sequence induction
- C. Awake fiberoptic intubation
- D. Laryngeal mask airway

96-After resection of a grade II astrocytoma in a 60-year-old patient, the serum sodium is 127 mEq/L, urine sodium is 25 mEq/L, and the BP is 120/80. Therapy could include which of the following?

- A. Intranasal or IV vasopressin (DDAVP)
- B. 500 mL 3% saline over 30 minutes
- C. Chlorpropamide
- D. Demeclocycline

97-A 48-year-old, 110-kg man with a supratentorial astrocytoma is scheduled for a craniotomy for tumor debulking. His wife states he has been somnolent and confused. On examination he is noted to be hyperventilating and sleepy, but arousable, and hypertensive. Useful measures for his anesthetic include

- A. Morphine to decrease his tachypnea
- B. Esmolol to reduce a hypertensive response to intubation
- C. Hyperventilation to 20 mm Hg
- D. 10 cm H<sub>2</sub>O PEEP to reduce atelectasis

98- A 28-year-old man arrives in the emergency department by ambulance after being hit by a car while riding his motorcycle. He was not wearing a helmet and sustained a head injury. His oxygen saturation is 99% breathing spontaneously, with a nasal airway in his right nostril and a face mask applied and 5 liters/min of oxygen flowing. Blood pressure is 130/85, and heart rate is 100. He is unresponsive to speech and makes only incomprehensible sounds. When a painful stimulus is applied to his sternum, he opens his eye to the pain and flexes his elbows, wrists, and fingers and extends his legs. What is his GCS score?

- A. 11
- B. 9
- C. 7
- D. 5