



## ANESTHESIA

### What you should know

<b><i>Risk</i></b>	<b><i>Explanation</i></b>	<b><i>Solution</i></b>
DISEASE	<ul style="list-style-type: none"> <li>✓ Diseased systems don't do their jobs normally.</li> <li>✓ Further damage to organs, prolongs anesthetic recovery, and difficulty sustaining life, all may be consequences.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Medical History.</li> <li>✓ Physical Exam.</li> <li>✓ Blood Work-Can show subclinical problems or help define abnormalities of history or physical exam.</li> <li>✓ Treat or stabilize disease.</li> <li>✓ Choose safer anesthetics.</li> </ul>
DECREASED HEART RATE	<ul style="list-style-type: none"> <li>✓ Anesthetics may slow body systems.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Monitoring patients during anesthesia and use of drugs when needed.</li> </ul>
DECREASED BREATHING RATE	<ul style="list-style-type: none"> <li>✓ Anesthetics may slow body systems.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Monitoring respiratory rate.</li> <li>✓ Intubation-tube in the trachea, or wind pipe, that allows assistance of breathing if needed.</li> </ul>
DECREASED BLOOD PRESSURE	<ul style="list-style-type: none"> <li>✓ Anesthetics can cause relaxation of smooth muscle, lowering blood pressure.</li> <li>✓ Low blood pressure can decrease oxygen delivery to tissues.</li> </ul>	<ul style="list-style-type: none"> <li>✓ IV fluids help maintain blood pressure and oxygen delivery to cells.</li> <li>✓ Monitoring.</li> </ul>
EMERGENCY ADVERSE REACTION	<ul style="list-style-type: none"> <li>✓ Rare: unpredictable complications.</li> </ul>	<ul style="list-style-type: none"> <li>✓ IV catheter allows immediate delivery of emergency drugs.</li> </ul>
VOMITING	<ul style="list-style-type: none"> <li>✓ Breathing vomit into lungs, causing pneumonia.</li> <li>✓ Damage to the esophagus (tube that carries food to stomach), by stomach acids.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Fasting prior to anesthesia</li> <li>✓ Intubation (tube in the trachea) with inflatable cuff to seal the trachea and prevent anything from entering the lungs.</li> </ul>
LOW BODY TEMP	<ul style="list-style-type: none"> <li>✓ Anesthetics slow body systems and pets can become cold.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Heat lamps, hot water bottles, blankets, and pads.</li> </ul>
NAUSEA AFTER ANESTHESIA	<ul style="list-style-type: none"> <li>✓ Very common.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Small amounts of water after anesthesia. Monitor for vomiting, then small amounts of food.</li> </ul>