



# Paramedic Medical Emergencies Exam Study Guide

## Learn the Facts

In preparation for this exam, please be sure that you have reviewed the following information provided by your textbook:

- Anatomy and Physiology
- Conditions listed in the index
- Glossary words
- Medical terms listed in each chapter
- Pathophysiology

## Understand the Concepts

We especially recommend that you understand the following concepts and terminology:

1. Pyrogenic reactions
2. Endocrine disease (such as, but not limited to, Thyrotoxicosis)
3. Airway infections (such as, but not limited to, Laryngotracheobronchitis)
4. Bleeding disorders and the coagulation process
5. Physiology of electrical injuries
6. Pathophysiology of angioedema
7. Pathophysiology of hypothermia
8. Pathophysiology of demyelinating disorders (such as, but not limited to, Guillain-Barre syndrome and multiple sclerosis )
9. Pathophysiology of Hyperosmolar Hyperglycemic Nonketotic Syndrome (HHNS)
10. Differences between upper and lower GI bleeds
11. Acid-base balance and buffering system of pH
12. Generic and trade names of medications
13. Pathophysiology of cranial nerve inflammation
14. Signs and symptoms of spider bites (such as, but not limited to, black widows)

## Perform the Skills

Finally, make sure you can:

1. Differentiate between types of intracranial hemorrhages
2. Evaluate the effects of untreated infections
3. Recognize an antidepressant overdose
4. Differentiate between types and phases of seizures
5. Differentiate between various forms of hyperglycemia
6. Treat a postictal patient
7. Evaluate respiratory efforts on blood pH levels
8. Provide pharmacological interventions for a seizure patient
9. Treat and communicate with a psychiatric patient

For tips on how to take a FISDAP exam, see the document entitled “How to Succeed on a FISDAP Exam.”  
You can find it in the student Help section of our website at [www.fisdap.net](http://www.fisdap.net)