

# Adjunctive Pharmacotherapy In Sepsis

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# **Host Response To Sepsis**

- **Immune System**
- **Coagulation System**
- **Endocrine System**
- **Autonomic Nervous System**



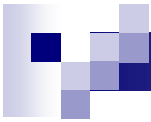
# **Conventional Treatment of Sepsis**

- Antimicrobial therapy**
- Get rid source of infection**
- Respiratory support**
- Hemodynamic support**
- Other organ support**



# **Adjunctive Pharmacotherapy**

**“ Aim to modify host response to sepsis ”**



## Adjunctive Pharmacotherapy In Sepsis

| System      | Drugs                                  | Result<br>RCT/Systematic<br>Review |
|-------------|--|------------------------------------|
| Endocrine   | <b>Corticosteroid (low dose)</b>       | ✓                                  |
|             | <b>Insulin</b>                         | ±                                  |
| Coagulation | <b>Recombinant activated protein C</b> | ✓                                  |
|             | <b>Anti-thrombin III</b>               | ✗                                  |
|             | <b>Tissue factor pathway inhibitor</b> | ✗                                  |