



Adjunctive Pharmacotherapy In Sepsis

**นายแพทย์ เฉลิมไทย เอกศิลป์
สถาบันสุขภาพเด็กแห่งชาติมหาราชินี**



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 RCT/Systematic Review
Endocrine	Corticosteroid (low dose)	✓
	Insulin	±
Coagulation	Recombinant activated protein C	✓
	Anti-thrombin III	✗
	Tissue factor pathway inhibitor	✗