

SEPSIS

Dr. Mark Middlebrooks

Hippocrates

The founder of medicine as a rational science.

Hippocrates

“Pepsis” – The orderly, balanced and harmonious digestion and metabolism of the four humors which is essential to good health

(The four humors: Black Bile, Yellow Bile, Phlegm, and Blood)

Hippocrates

“Sepsis” – The process by which flesh rots, swamps generate foul airs, and wounds fester

Sepsis

Following the confirmation of germ theory, sepsis was assumed to be the result of the host's invasion by pathogenic organisms that spread in the bloodstream.

Sepsis

- After the development of antibiotics, many patients still died despite successful eradication of the inciting pathogen
- Researchers therefore suggested that the host, not the pathogen, drove the pathogenesis of sepsis

Sepsis

A dysregulated immune response to infection which can lead to tissue damage, organ failure, and death

Sepsis

Due to the serious complications of sepsis, we are preparing a new initiative to impart an appropriate sense of urgency, standardize treatment, and improve outcomes.