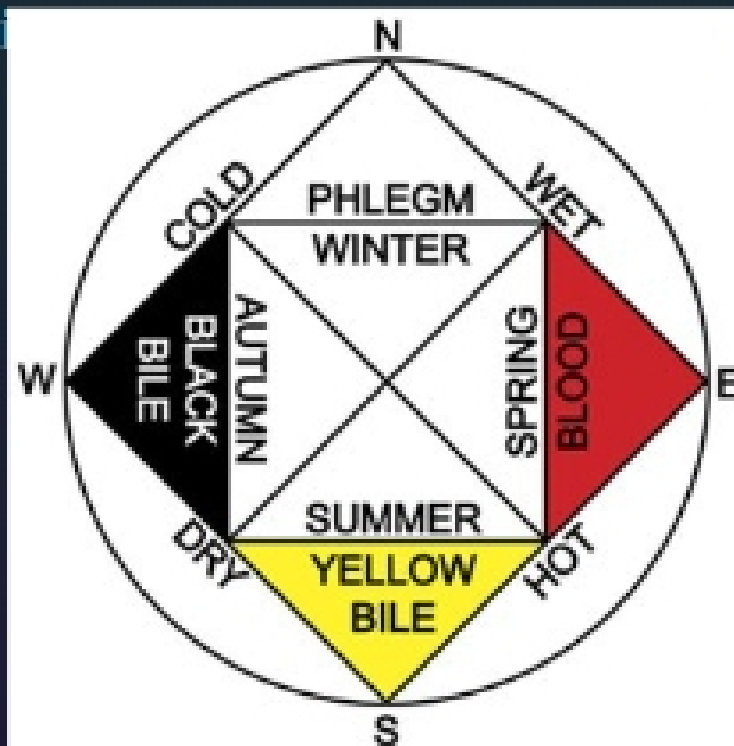


Chapter 4

The Missing Piece

Chapter 4. The Missing Piece: Physiological Foundations

- Distinction between physiology and anatomy didn't emerge until 1800's.
- **Ancient Anatomy and Physiology**
 - Anatomical records in Egyptian papyrus from 3,000 B.C.
 - Library of Alexandria, Egypt, part of the Greek empire (700,000 volumes).
 - Burned after the Roman invasion in 48 B.C.
 - Medicine was practiced based upon.



The Resurgence of Anatomy & Physiology

- Resurgence in 1500s, due to several factors:
 - the humanistic thinking of the Renaissance.
 - printing press, and the greater availability of paper.
 - many Greek scholars for the West after the Turkish invasion.
 - Renaissance artists interested in true depiction of human form.
- Rapid progress to knowledge of anatomy & physiology.
- Studies of the nervous system by the 18th century.

