


Edition: 5th Edition 1997  
pages: 248  
Images: 96  
Cover: Paperback  
ISBN: 978-0-86715-310-1  
Published: January 1997

**Quintessence Publishing Company, Ltd.**

 Grafton Road  
KT3 3AB New Malden, Surrey  
United Kingdom

 +44 (0)20 8949 6087

 +44 (0)20 8336 1484

 [info@quintpub.co.uk](mailto:info@quintpub.co.uk)

 <http://nginx/gbr/en>

## Book information

**Authors:** Henry O. Trowbridge / Robert C. Emling

**Title:** Inflammation

**Subtitle:** A Review of the Process

**Short text:**

The fifth edition of this popular textbook includes a new clinical section and additional illustrations. The authors create a refreshing self-study approach using direct language and helpful metaphors. Self tests are strategically placed for the board examinations, or as a refresher for busy practitioners who want to stay abreast of this rapidly advancing field. Clearly written, with numerous illustrations and tables.

**Contents**

**Part I: Acute Inflammatory Process**

- Preface
- Introduction
- Abbreviations
- Vascular Response to Injury
- Quick Review
- The vascular events
- Exudation, transudation, and edema
- The lymphatic system
- Postscript

Chemical Mediators of the Vascular Response

- Histamine
- Serotonin
- Plasma proteases
- The kinin system
- The fibrinolytic system
- Advice from some old friends
- The complement system
- Eicosanoids
- Platelet activating factor
- Nitric oxide
- Neuropeptides
- Other mediators
- Pain associated with acute inflammation

The Blood Leukocytes

- The cells involved
- The individual leukocytes
- The mononuclear-phagocytic system

Systemic Manifestations of Inflammation

**Part II: Immunity**

The Immune System

- The opponents
- The defenders
- Antigen-presenting cells
- The system
- Immunoglobulins
- General battle plan
- Duration of antibody response

Hypersensitivity Reactions

- Type I - immediate-type hypersensitivity
- Type II - Immune cytotoxic reactions
- Type III - Immune complex hypersensitivity
- Type IV - Delayed-type hypersensitivity

- Immunologic tolerance
- Immunodeficiency

#### Chronic Inflammatory Processes

- General considerations
- Causes of chronic inflammation
- Factors contributing to chronicity
- Maintenance of chronicity
- Other cells involved
- Tissue damage
- Chemical mediators
- Essential elements
- Granulomatous inflammation
- Control of inflammation

#### **Part III: Repair of Host Tissues**

##### Healing

- Resolution vs repair
- Regeneration
- Fibrous repair
- Cell-matrix interaction
- Cell-cell interaction
- The role cells play in wound healing
- What is organization?
- Epithelialization
- Strength of healing wounds
- Remodelling of wounds
- Local and systematic factors influencing healing

#### **Part IV: Application of Basic Principles**

##### Clinical Connections

- Inflammation of the tooth pulp (pulpitis)
- Inflammatory lesions of the periapical tissues
- Acute pyogenic osteomyelitis of the jaws
- Chronic osteomyelitis of the jaws
- Cellulitis
- Periodontal disease
- Acquired immunodeficiency syndrome
- Answers to Self-Test and Charts

Index

**Categories:** Oral Surgery