CHRONIC INFLAMMATION

Reading Assignment:
Basic Pathology (Kumar, Abbas & Aster) 9th Edition, Chapter 3, pp. 93-100.
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KEY CONCEPTS AND LEARNING OBJECTIVES:

A. EDUCATIONAL GOALS

1. Understand chronic inflammation as a protracted inflammatory response to injury.
2. Understand chronic inflammation as a complex process that is composed of multiple components that have adverse clinical effects
3. Correlate the pathophysiology of chronic inflammation with clinical signs and syndromes of chronic inflammation

B. EDUCATIONAL OBJECTIVES

1. Define the following terms: (Independent Study):
   Inflammation, Exudate, Transudate, Pus, Diapedesis, Granuloma, Lymphangiitis, Lymphadenitis, Abscess, Cellulitis, Chemotaxis, Leukocytosis, “Shift to the left”, Leukemoid reaction, Leukopenia, Lymphocytosis, Lymphopenia, Neutrophilia, Neutropenia
2. Compare and contrast the general features and characteristics of acute and chronic inflammation. Using these characteristics, determine if a clinical condition is acute or chronic inflammation.
3. Identify and explain the characteristic serum protein, cytokine and white cell events of chronic inflammation. Correlate these events with the clinical manifestations of chronic inflammation.
4. Identify the differences between inflammatory mediators of acute and chronic inflammation
5. Be prepared to use your knowledge of the events of chronic inflammation to explain the features of clinical consequences of chronic inflammation.

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