

ADOLESCENT IDIOPATHIC SCOLIOSIS

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INTRODUCTION

Scoliosis is defined as an abnormal lateral (coronal plane) curvature of the spine >10 degrees. It can be classified based on etiology, which includes congenital, neuromuscular, syndrome-related, or idiopathic. Most scoliosis, up to 80%, is idiopathic. Although this condition has been extensively researched, its etiology remains unknown. Multiple theories have been proposed including genetic factors, growth abnormalities, and central nervous system causes, as well as disorders of the bone, muscle, and disk. A polygenetic etiology with variable expression is the most likely explanation.

Rihn JA, Harris EB. *Musculoskeletal Examination of the Spine: Making the Complex Simple* (pp. 242-260).
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