

The Scoliosis Check

In Juanita's middle school, the school nurse performs a scoliosis check on each student during PE class. During the check, the school nurse identified Juanita as "at risk for Scoliosis" and recommended that Juanita's parents contact their physician.

Juanita's mother, Mrs. Marin, was very concerned when she got the report and talked it over with her best friend, Mrs. Chavez. Mrs. Chavez said that Mrs. Marin should call a chiropractor, not Juanita's pediatrician, because Mrs. Chavez' cousin had scoliosis and a chiropractor really helped him.

Mrs. Marin is skeptical of chiropractors. She was taught that they (chiropractors) are all "quacks." However, she is very concerned about Juanita and wants to do the best thing for the child. Also, she trusts Mrs. Chavez' judgment. So, she decides to at least call the chiropractor's office.

Problem: You are the office manager of the chiropractor that Mrs. Marin calls. The impression you make on Mrs. Marin will greatly influence her decision about Juanita's care. Therefore, you must appear knowledgeable about not only Scoliosis, but also chiropractic care. Construct a "cheat sheet" you can keep at your desk, not only for such calls as Mrs. Marin's, but also for any calls related to diseases/syndromes your chiropractor may treat. Demonstrate your knowledge of chiropractic care and bone diseases by participating in a role-play situation in which you converse with Mrs. Marin.

Curriculum Alignment for Scoliosis Problem

Unit E Skeletal System

- MD 05.01 Explain the structure of the bones
- b. Parts of the skeleton
 1. Axial skeleton
 2. Appendicular skeleton
- MD 05.02 Analyze the function of the skeletal system
- a. supports
 - c. movement and anchorage
 - d. mineral storage
- MD 05.03 Evaluate characteristics and treatment of common skeletal disorders
- c. Spinal defects
 1. Kyphosis
 2. Lordosis
 3. Scoliosis

Unit F Muscular System

- MD 06.01 Describe the structure of the muscles
- a. Types of muscles
 1. Skeletal
 - b. Principal skeletal muscles
- MD 06.02 Analyze the function of the muscular system
- b. Muscle attachments and functions
 - d. Contraction of skeletal muscle.
- MD 06.03 Evaluate characteristics and treatment of common muscle disorders
- c. Treatment
 1. Massage

Unit N Nutrition

- MD 14.01 Analyze the function of nutrients
- a. Analyze nutrients
 5. Minerals
 6. Vitamins

Unit K Nervous System

- MD 11.01 Describe the structure of the brain, spinal cord, and nerves
- c. Nerves
 2. Spinal nerves
- MD 11.02 Analyze the function of the nervous system
- b. Peripheral nervous system
 2. Spinal nerves

