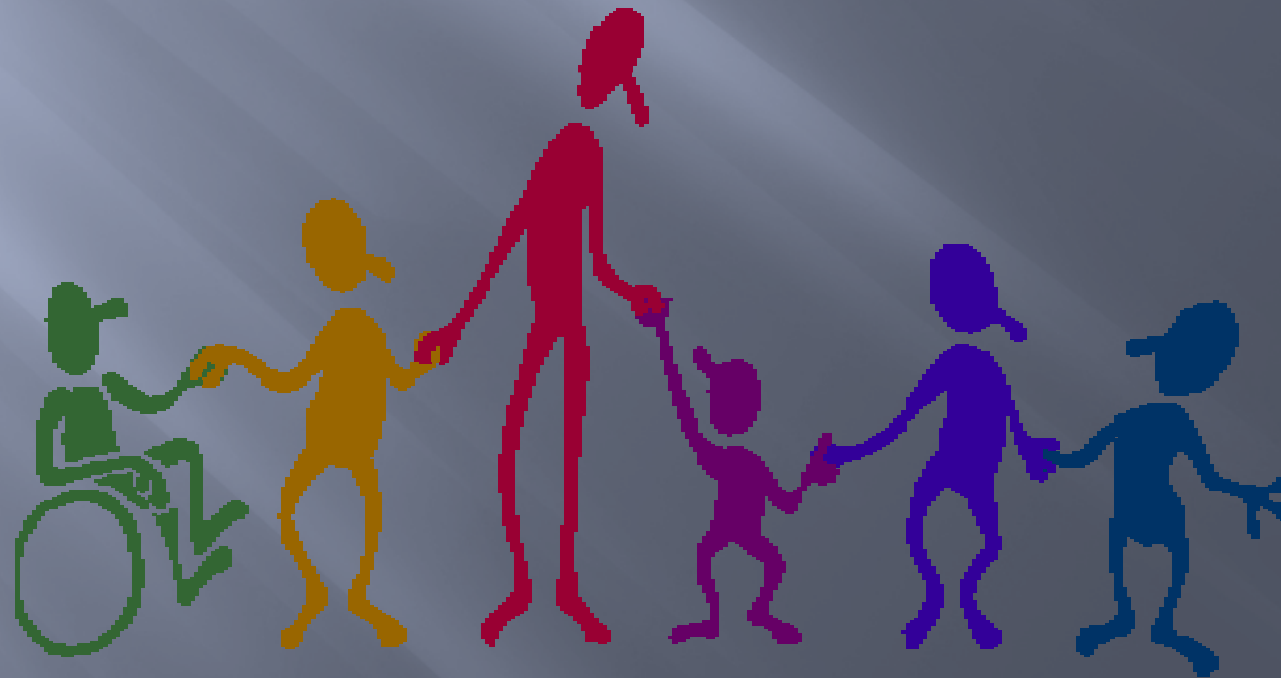


# ORTHOPEDIC IMPAIRMENTS

Pg. 269-295



# Overview

- ▣ Definition of Orthopedic Impairment
- ▣ Main Causes
- ▣ Examples
- ▣ Facts
- ▣ Benefited Technology
- ▣ Adaptations
- ▣ General Courtesy

# Did you Know...

- ▣ In America, 1 in 6 people will at some point in their life be diagnosed with an orthopedic impairment

# What is it?

- ▣ An orthopedic disability is one that does not allow the individual to properly perform the motor and locomotor functions of the body and limbs. Such disabilities affect the functions of the bones, joints, and tendons. Under federal law (IDEA), an orthopedic impairment means a severe orthopedic impairment that adversely affects a child's educational performance.

# Causes

- ▣ Before Birth
  - Deformities
- ▣ After Birth
  - Accidents



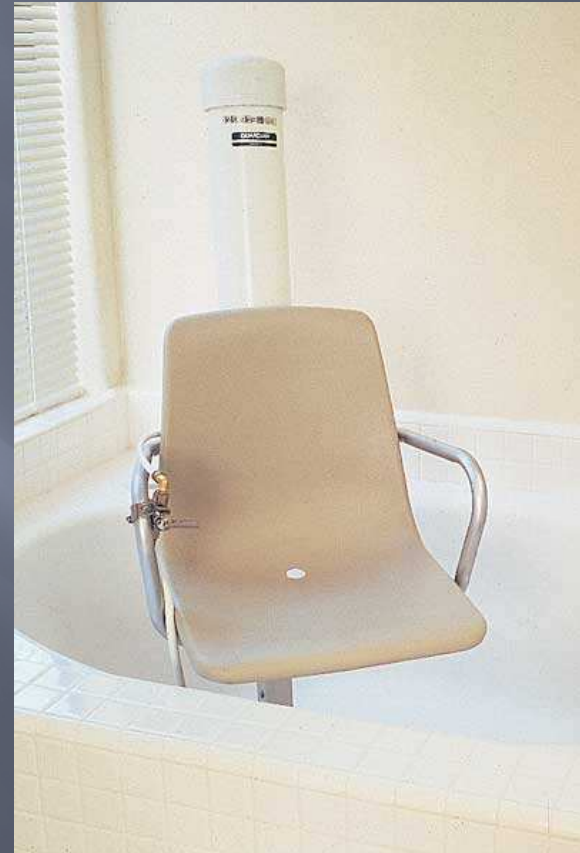
# Examples of Orthopedic Impairments

- ▣ Osteoporosis
- ▣ Spinal Cord Injuries
- ▣ Spina Bifida
- ▣ Removal of limb
- ▣ Loss of function in a limb
- ▣ Cerebral Palsy
- ▣ Muscular Dystrophy
- ▣ Scoliosis



# Technology

- ▣ Artificial Limbs
- ▣ Wheelchairs
- ▣ Motorized Carts
- ▣ Canes
- ▣ Bathroom Accessories



# Adaptations in the Classroom

- ▣ If students has mobility impairment, allow time to get to classes
- ▣ Be aware of potential obstacles
- ▣ Help students be as independent as possible
- ▣ Equipment
- ▣ Keep pushing them
- ▣ Many students with orthopedic impairments have no cognitive, learning, perceptual, language, or sensory issues

[http://www.youtube.com/watch?v=ooQKUYQ\\_WgQ](http://www.youtube.com/watch?v=ooQKUYQ_WgQ)

# General Courtesy

- ❑ Accept the fact that a disability exists. Not acknowledging this fact is not acknowledging the person
- ❑ Don't lean on a student's wheelchair. The chair is a part of the body space of the student who uses it
- ❑ Only push a wheelchair when asked



# References

- ▣ Dunn, J. M., & Leitschuh, C. A. (2006). *Special physical education* (8th ed.). Dubuque, IA: Kendall/Hunt.
- ▣ *Orthopedic Impairments*. Retrieved April 7, 2009, from <http://www.napcse.org/exceptionalchildren/orthopedicimpairments.php>
- ▣ *Strategies for Teaching Students with Motor/Orthopedic Impairments*. Retrieved April 11, 2009, from <http://www.as.wvu.edu/~scidis/text/orthopedic.html>