

The background of the slide features a repeating pattern of light green hexagons on a darker green gradient. A white rectangular box is positioned on the right side of the slide, containing the title text. The top portion of this box is a solid dark grey color.

# Connective Tissue

# Scurvy

- Caused by deficiency of Vitamin C
- Vitamin C is required in collagen synthesis
- Sx: lethargy, spots on skin, bleeding from mucous membranes, spongy gums, wounds, neuropathy...death
- Malnutrition, elderly and infants
- Sailor's disease while at sea



# Osteogenesis Imperfecta

- Brittle Bone Disease
- Congenital bone disorder causing weak bones that are prone to fracture
- Results as deficiency of Type-1 Collagen
- Different types ranging from mild to lethal
  - Normal quality, insufficient amount- mild
  - Not sufficient and bad quality- lethal
  - Sufficient amount, bad quality- deforming

# Osteogenesis Imperfecta

