Wound Assessment

1. Anatomic Location

2. Extent of tissue involvement
   - Full thickness
   - Partial thickness
   - Staged

3. Wound measurement (cm or mm)
   - Length – greatest length or head to toe
   - Width
   - Depth – sterile swab
   - Tunneling

4. Wound Base
   - Necrotic
   - Eschar
   - Slough
   - Scab
   - Granulation
   - Clean - non-granulating
5. Periwound Skin
   a. Color
      • Erythema
      • Pale
      • White
      • Blue

6. Bacterial Burden
   a. Contamination
   b. Colonization
   c. Critical colonization
   d. Biofilm
   e. Infection

7. Symptoms of Wound Infection
   a. Pain
   b. Wound expansion
   c. Purulent drainage

Wound Assessment Cofactors
   a. Tissue Oxygenation – TCPO2
   b. Bacterial Load
      • Culture – plan B
      • Tissue Biopsy
   c. Circulation
      • ABI
      • TBI
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Wound Assessment Cofactors

d. Nutrition
   • Weight
   • Albumin
   • Pre-albumin

   e. Glycemic Control – Hemoglobin A1C

Common Wounds

a. Venous stasis with inflammation and ulceration

Common Wounds

b. Pressure Ulcers

c. Diabetic foot ulcers, Osteomyelitis, Peripheral Vascular Disease

d. Pyoderma Gangrenosum, painful scalloped edges, Crohn's Disease

T-3
Common Wounds

- e. Chronic Osteomyelitis

- f. Traumatic wound, bullet wounds, lacerations

Common Wounds

- g. Burns

Wound Infections

- a. Beta Hemolytic Streptococcus

- b. MRSA Issues
  1. Incision & drainage
  2. Aerobic culture and sensitivity
Wound Infections

3. Contamination
4. Infection
5. Antibiotics
   • TMP-SMX DS
   • Doxycycline
   • Minocycline
   • Clindamycin

Wound Infections

6. Prevention of MRSA

Wound Infections

c. Pseudomonas aeruginosa
   • Puncture wounds
   • Burns

Wound Care

a. Wound Cleansers
b. Wound Dressings
   1. Antibiotic ointments (triple antibiotic ointment, Gentamycin ointment 0.1%)
   2. Silver products

Wound Care

3. Coverings
   • Gauze
   • Occlusive dressings
4. Collagenase
5. Silver sulfadiazine cream 1%