WOUND EDUCATION

CLINICAL TRAINING MADE EASY©

SESSION ONE

Module 4. Wound Assessment

Duration: 29 minutes

Wound Assessment

- T.I.M.E
  - Tissue type
  - Inflammation/Infection
  - Moisture balance
  - Edge of wound
- T.I.M.E.R.S
  - Regeneration
  - Social factors

TISSUE

Granulation

Slough

Slough

Slough

ESCHAR


cm
1
2
3

NECROSIS

INFECTION/INFLAMMATION

Contamination

Colonisation

Local Infection

Spreading Infection

Systemic Infection

Biofilm

- “Biofilms are complex microbial communities containing bacteria and fungi. The microorganisms synthesise and secrete a protective matrix that attaches the biofilm firmly to a living or non-living surface”

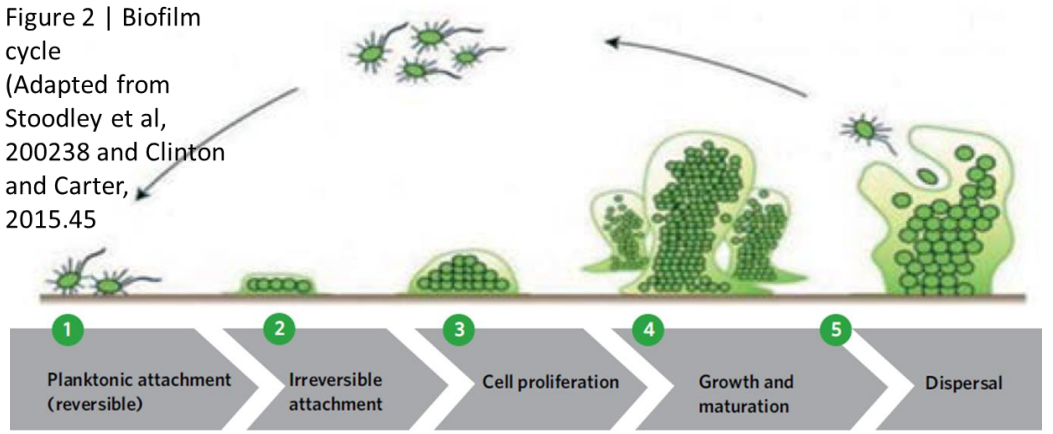

Figure 2 | Biofilm cycle (Adapted from Stoodley et al, 200238 and Clinton and Carter, 2015.45

International Wound Infection Institute (IWII) *Wound infection in clinical practice.* Wounds International 2016

Hypergranulation

Friable

MOISTURE

Why is exudate important in wound healing?

Exudate differences

- Healing V's Non-healing exudate
  - > Pro-inflammatory cytokines
  - > Matrix Metalloproteases
  - < Growth Factors
  - < Mitogenic activity

What is the best practice care?

Poor Practice

Maceration

Consistency

Finding balance: Goldilocks….

Not too Wet

Not too Dry

Just MOIST…

EDGE

Epithelialisation

Dry

Cavity

Undermining

Thick & Rolled

Can you assess this wound?

T: 50% Slough,
50% Granulation tissue
I: Local infection
M: High, Cloudy, Thick
E: Sloping, Edge “crusty”

REGENERATION

Advanced adjunctive therapies

- Delayed wound healing
  - Cell scaffold
  - Growth factors
  - Platelet-rich plasma (PRP)
  - Bioengineered substitutes
  - Negative Pressure Wound Therapy
  - Oxygen therapy
  - Stem cell
  - Autologous skin graft

SOCIAL

Patient Related Factors

- Patient education
- Engagement & motivation
- Social network & supports
- Patient centered care
- Quality of life tools
- Goal setting
- Outcome measurement.

Key Points

- Accurate wound assessment is cornerstone to outcomes
- TIME provides a systematic approach
- Prompt with evidence based standard of care (SoC)
- Regeneration focuses on accessing advanced therapies
- High quality, patient centered care increases wound healing potential