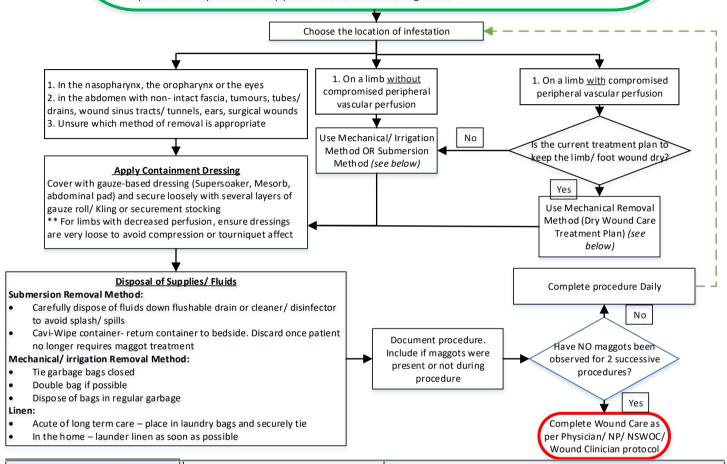
Procedure Decision Grid: Removal of Non-Therapeutic Maggots (Myiasis)

Presence of maggots in the wound bed

1. Ask

- Has the client travelled internationally (and where) OR been on a farm/ ranch within the last 6 months?
- Has the client had a tetanus vaccine within the last 10 years?
- 2. Consult Physician/ NP/ NSWOC/ Wound of presence of maggots and the answers to above questions.
- 3. Consult Infection Control
- 4. Put in place Isolation Precautions
 - If there is uncontrolled drainage from an infected wound OR difficulty containing the maggots, place on Contact Precaution
 - A private room is preferred to help prevent the transmission of organisms



Mechanical Removal Method

(Dry Wound Care Treatment Plan)

- Don PPE
- Place a double layer of plastic bags or a collection device beneath infestation to catch maggots
- Use gauze/ forceps to remove any visible maggots
- Take note if any maggots removed to determine if procedure must be repeated

Submersion Removal

(Moist Wound Care Treatment Plan)

- Don PPE
- Use a contaner large enough to submerge the infested area
- Fill with warm potable water
- Submerge for 20 minutes
- PRN empty and repeat if large volume of maggots present
- Remove from water and pat dry
- Take note if any maggots removed to determine if procedure must be repeated

Mechanical/Irrigation Removal

(Moist Wound Care Treatment Plan)

- Don PPE
- Place a double layer of plastic bags or a collection device beneath infestation to catch maggots/ irrigation fluid. If available place gelling substance in a plastic bag to assist with solidification of fluids to prevent splashing
- Using a 30mL syringe and irrigation tip catheter, irrigate area (using full force if wound not friable or painful) with copious potable water or normal saline. Use at least 50- 1000 mLs
- Use gauze/ forceps to remove any visible maggots
- Pat dry
- Take note if any maggots removed to determine if procedure must be repeated

Supplies

- Clean gloves
- Personal protective equipment (PPE). Must include a mask with eye protection (face shield), gown and foot coverings
- Odour neutralization/ room deodorant PRN
- Towels/linen PRN
- Dressing tray and forceps
- Bucket with Lid OR garbage bags (do not use sharps buckets)

Mechanical and/or Syringe Method Supplies:

- 30ml syringe and irrigation tip catheter
- Cotton tip applicators
- Large volume of NS or potable water
- If available, gelling substance (e.g. Vernacare 1 sachet = 350 ml fluid)

Submersion Method Supplies- all of the above and:

- An appropriate sized container
- Enough potable water to immerse
- Containment- apply guaze-based cover dressing (Supersoaker, Mesorb, or abdominal Pad with tape, roll gauze (Kling) PRN