

QUICKGUIDE



A Practical Guide for
Healthcare Professionals

ASSESSING A WOUND FOR LARVAL DEBRIDEMENT THERAPY



WOUNDS | UK

Introduction and benefits of Larval Debridement Therapy



What is Larval Debridement Therapy?

Larval Debridement Therapy (LDT), also known as maggot therapy or biosurgery, uses sterile larvae of the greenbottle fly to selectively remove necrotic, sloughy and infected tissue from wounds¹.

LDT supports effective wound bed preparation through rapid, selective debridement while preserving healthy tissue, making it a valuable option in the management of chronic and complex wounds².

Benefits of LDT



Rapid debridement

Debrides wounds in 8 days on average⁷



Reduces bacterial burden

Supports management of bacteria within the wound environment



Promotes wound healing

Helps prepare the wound bed to support healing progression³



Selective debridement

Removes devitalised tissue while preserving healthy tissue

Larval therapy is effective when debridement is most challenging



At-risk patients



- Risk to health from infection
- Unfit for surgical debridement³.

Biofilm/Bioburden



- Wounds that repeatedly re-slough
- Static wounds
- Suspected biofilm⁴.

Consistency of slough



- Thick, tenacious slough
- Difficult-to-debride tissue³.

Determine wound depth



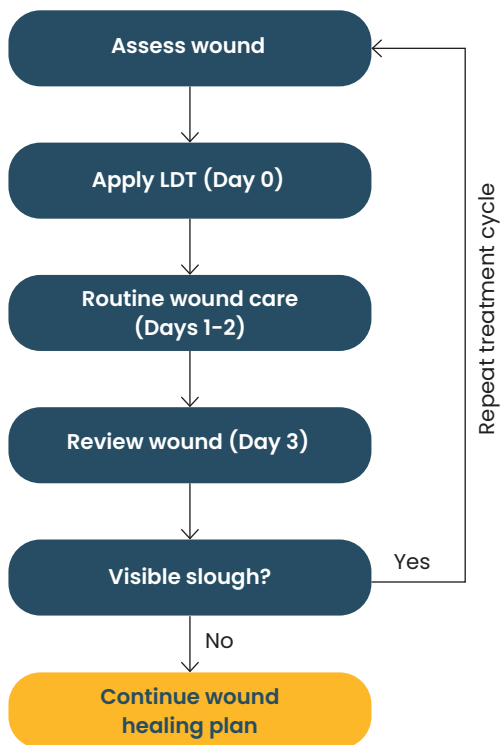
- Improved visualisation
- Better understanding of underlying structures³.

Suitable wound types

- ✓ Diabetic foot ulcers
- ✓ Venous leg ulcers
- ✓ Arterial ulcers
- ✓ Mixed aetiology ulcers
- ✓ Pressure ulcers
- ✓ Non-healing surgical wounds
- ✓ Post-traumatic wounds
- ✓ Pilonidal sinus wounds
- ✓ Necrotising fasciitis following surgical debridement
- ✓ Infected wounds (including MRSA)⁵.



Treatment pathway



Clinical tips

- Keep larvae moist on dry wounds
- Prevent saturation of secondary dressings
- Use non-occlusive secondary dressings
- Avoid concurrent gels or wound solutions⁶.

BioMonde Academy and clinical support

Develop your confidence in LDT

BioMonde Academy is a free online education programme designed to build knowledge and confidence in the use of LDT.

BioMonde Academy offers:

- Free to enrol
- 12 online learning modules
- Learn at your own pace
- Continuing Professional Development (CPD) certificate available for each completed module
- Evidence-based education to support clinical practice.



Clinician skill level and confidence

Clinicians should be confident and competent in initiating LDT. If additional support is required, contact a specialist clinician, a colleague experienced in LDT, your BioMonde Clinical Support Specialist or complete the free BioMonde Academy online programme. For further information on LDT, BioMonde products or to enrol in the Academy, visit www.biomonde.com or scan the QR code.

References

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