MPPT FOR CONTROLLING SOFT TISSUE INFECTION CAUSED BY OSTEOMYELITIS

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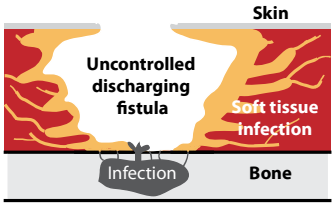
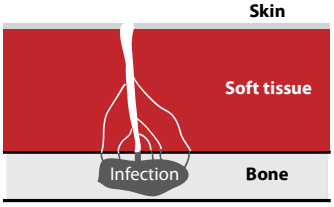
Osteomyelitis continuously releases infectious debris into the surrounding tissue.
The body creates a canal to the body surface, a draining fistula, to allow the escape of this debris.



Uncontrolled draining fistula

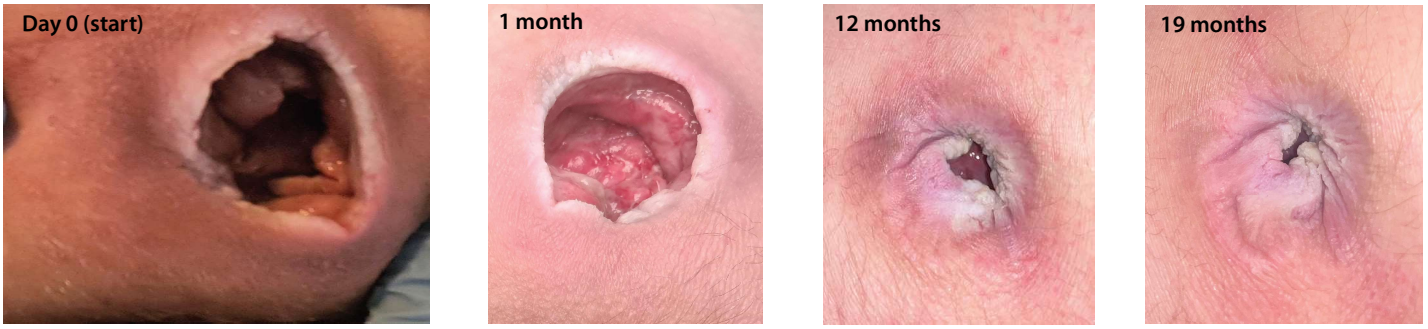


MPPT-controlled draining fistula

Benefits of MPPT:
Bed rest not required
Suitable for self-care and telemedicine
Facilitates independence
Reduces risk of sepsis and improves well-being
Reduces AD frequency and severity

Management of draining fistula from inoperable osteomyelitis in elbow

Fistula draining from osteomyelitis – preparing for bone surgery in non-infected soft tissue



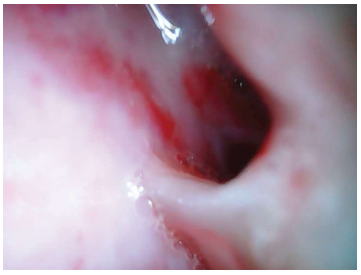
5.5 x 3 cm opening
into large uncontrolled cavity

Soft tissue controlled
Structured, 50% reduction

Ready for surgery after 2 months
Maintaining fistula infection free until surgery

Draining fistula

Before MPPT
Putrid
Full bed rest
Twice daily dressing changes



With MPPT
Non-infected
Active 8-11 hrs daily
Once daily dressing change
Family manages wound

Pictures taken with endoscope

Draining fistula

Draining fistula resulting in repeated episodes of sepsis, requiring hospitalisation and antibiotics.

Since start of MPPT, no episodes and no antibiotics (now over 18 months).

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