



ABOUT EMBLATION

THE TEAM BEHIND SWIFT

Emblation is a medical device company founded on solving difficult problems. Utilising our next-generation microwave platform, all of our solutions are realised from a combination of innovation and thorough first-hand research.

Emblation was established in the USA in 2007. After relocating to Scotland the following year, the company continued research into novel microwave based medical products – with a specific focus on a treatment system for skin.

We have since manufactured and launched a range of innovative microwave systems for a number of global markets. Our systems include several unique features, making our products some of the safest and most advanced systems available today.

The team is led by some of the world's foremost microwave experts, with a wealth of experience in the design, development and manufacture of microwave applications for a range of medical fields. Microwave technology is our passion, and we are committed to providing next generation solutions for today's medical conditions.

PRODUCT SUMMARY

GENERATOR

Dimensions 300 x 85 x 275 mm
Width x Height x Depth (11.8 x 3.3 x 10.8 inch)

Weight 4.1kg (~9 lb)

APPLICATOR AND CABLE

Cable Length 1900mm

Disposable Tip Diameter 7mm

ELECTRICAL SAFETY

Conforms to:

EN/IEC 60601-1-1 General Requirements for Safety – Section 1: Collateral Standard: Safety Requirements for medical electrical systems.

CAN/CSA-C22.2

EN/IEC 60601-1-2 General Requirements for Safety – Section 1: Collateral Standard: Electromagnetic Compatibility – Requirements and tests.

Patents:

US20120016356 WO/2011/061486
WO/2012/007722



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TREAT WITH CONFIDENCE

Swift is the pioneering **microwave** therapy system for warts and verrucae

With treatment times in seconds, Swift provides Podiatrists and Dermatologists with a precise and easy way of treating benign skin lesions.



For more information visit www.treatwithswift.com



KEY BENEFITS

- **Shorter Treatment Times:** Microwaves deliver rapid internal heat generation – allowing shorter treatment times with minimal pain.
- **Simple Operation:** Enter a set time and power, place the applicator against the skin and press down on the button – a simple, repeatable method of treating skin lesions.
- **Fully Portable:** The Swift treatment system is lightweight and compact (weighing just 4kg / 9lb), allowing practitioners to share the system between clinics and offer the flexibility of home visits.
- **Easy to Store:** Unlike other treatments, there are no shelf-life issues when storing the system. Swift takes up little desk space and is similar in size to a ream of paper.
- **No Plume:** Microwave therapy produces no smoke or plume, and therefore poses none of the possible associated health and occupational hazards.
- **Precision Treatments:** Swift will deliver microwave energy to an exact and predetermined depth, creating accurate and precise ablation zones.
- **Innovation in Safety:** Utilising innovative thermal management and measurement technologies, the system has been put through rigorous testing to ensure the highest possible levels of safety for both user and patient.
- **Disposable Applicator Tips:** The Swift applicator is designed with a disposable tip, eliminating the need for sterilisation and mitigating the risk of cross-contamination.

HOW MICROWAVES WORK

Microwave energy rapidly elevates tissue temperature and creates precise, localised cell destruction.

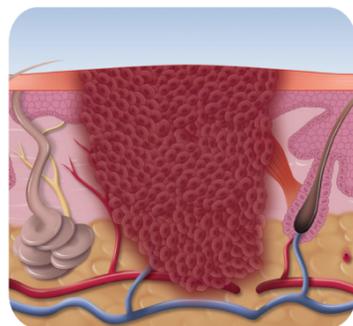


Figure 1. Infected tissue can exist several millimetres below the surface and can often be difficult to treat using traditional methods, resulting in either untreated tissue or significant damage.

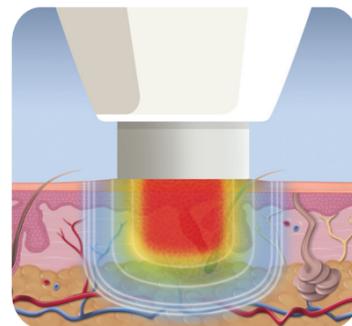


Figure 2. Swift delivers a precise, highly controlled energy dose. As microwaves travel into the tissue, water molecules begin colliding and creating localised heat energy – quickly destroying all infected tissue within a predetermined depth.

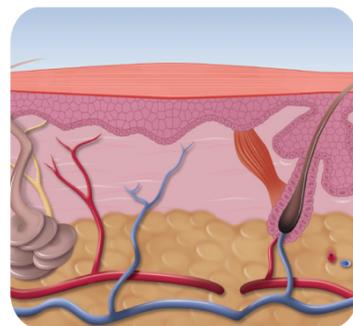
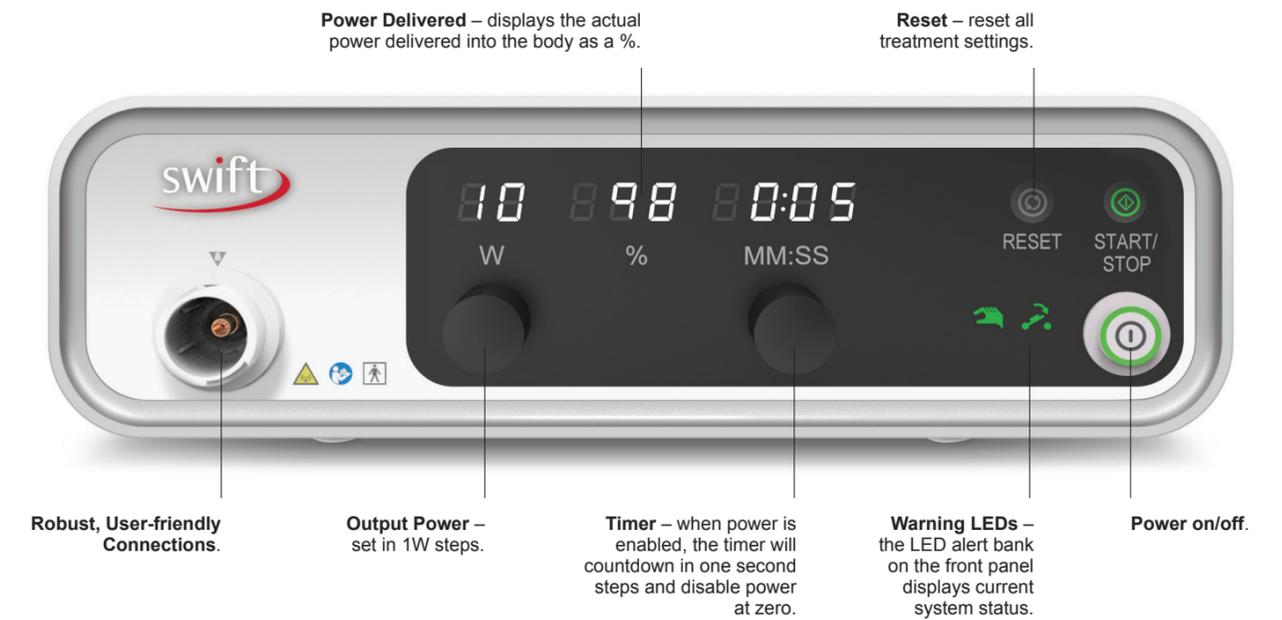


Figure 3. In just seconds the treatment is complete and the healing cascade begins immediately. Treated tissue is quickly replaced, repaired and regenerated.

SWIFT GENERATOR

SIMPLE USER INTERFACE

A fully portable system with user-friendly controls



FAST AND SIMPLE MICROWAVE THERAPY FOR SKIN

SWIFT APPLICATOR

FOCUSED ENERGY DELIVERY

A uniquely designed applicator with intuitive features

