



SAM'S INTERNATIONAL®

An ISO CERTIFIED COMPANY

One Stop Shop For All Medical Equipment Requirement.

MODEL C-100

Thera-Wand™

Ultraviolet C Treatment Lamp

Ultraviolet C (UV-C)

The bactericidal ultraviolet "C" (UV-C) treatment program is an adjunctive therapy for reducing and eliminating bacterial bio-burden that can impede wound healing. This method of treatment is consistent with wound care best practice guidelines. It is an important and cost-effective modality for cleaning around of surface infection.

Unlike topical antiseptics that can inhibit wound healing, the effects of the germicidal UV lamp are all positive.

You don't need to choose a compromise between wound healing response and infection control. The Thera-Wand provides a mild positive stimulation effect while its germicidal properties work to knock out the infection.

Successfully Clear Bacterial Infection with the germicidal THERA-WAND



UV-C Therapy Really Works!

- **THERA-WAND IS EFFECTIVE** for clearing infections from the wound bed, including antibiotic resistant strains such as MRSA, VRE and HDM-1.
- **THERA-WAND will stimulate** the surrounding area to help induce a healing response.
- **THREE TREATMENTS PER WEEK**
 - Effectively eliminate pathogens
 - Stimulate cellular proliferation
 - Provide a mild debridement to reduce eschar

Use the Thera-Wand for:

Infected Wounds with Poor Circulation

UV-C radiation at therapeutic levels is an important adjunct to antibiotic medications. Systemic antibiotics often do not reach the infected wound tissues because of poor circulation at the wound site. The antibacterial characteristic of UV-C radiation makes it effective in treating chronic wounds. UV-C therapy can be given concurrently with systemic antibiotics.

Antibiotic Resistant Strains

Even where sensitivity testing has shown resistance of the colonizing species to specific antibiotics, UV-C radiation can efficiently kill these strains of bacteria. In particular, UV-C is effective in eliminating methicillin-resistant *Staphylococcus aureus* (MRSA) vancomycin resistant *Enterococcus* (VRE) and lactamase-producing *Pseudomonas aeruginosa* (HDM-1). MRSA is becoming increasingly prevalent, and interferes with wound healing.

First Line Therapy

For combating developing infections and associated skin problems.

Replacement for Topical Antimicrobials

Topical antiseptic agents have been shown to be toxic to granulating tissue and are not recommended by most wound care committees. UV-C radiation therapy clears infections. It also provides a mild stimulating effect from the inflammatory response to help accelerate wound healing.

BIOMATION

www.biomotion.com/wound

Head Office : BA/5A, Ashok Vihar, Phase-1, Delhi-110052, India

Showrooms : A-244/1, Ashok Vihar, Phase-1, Delhi-110052, India

Tel.: 011-27213471, 0-9971358977, **Fax :** 011-27130045

E-mail: samsinternational@yahoo.com, samsinternational09@gmail.com, samsinternational01@gmail.com, samsinternational02@gmail.com



Website: www.sams-international.com

FACTORIES AT GURGAON & RAI INDUSTRIAL AREA



SAM'S INTERNATIONAL®

An ISO CERTIFIED COMPANY

One Stop Shop For All Medical Equipment Requirement.



More Features of UV-C Therapy

At higher exposure levels, UV-C provides a soft debridement to help disintegrate eschar that can inhibit wound closure.

The Thera-Wand™ is the ideal unit for applying UV-C radiation. UV-C radiation is not associated with skin cancer. It is supplied as a single wand unit, type V-254, with an ON-OFF switch and 2 m (6.5 ft) power cord. UV-C radiation is not associated with skin cancer.

Full Information

A three-hour familiarization training guide, and a physician's prescribing information sheet is shipped with each Thera-Wand so that you can quickly implement the UV-C Thera-Wand therapy at your facility.

Operator Qualifications

The hand-held Thera-Wand is essentially very easy and straight-forward to use. Direct the lamp onto the infected area, and it completely eradicates all bacteria in sight, while mildly stimulating the granulation tissue.

In a nursing home, hospital or home care setting, the Thera-Wand is normally used by a registered nurse (RN) or physiotherapist on orders from a wound specialist, physician or physiotherapist.

You will want to understand the treatment more thoroughly to administer the optimal dose while using the lamp safely. We recommend the following operator training:

- Training in wound care
- Completion of the supplied self-training program

For UV-C therapy, why choose Thera-Wand?

- ✓ Higher radiation intensity. Typical exposure is 30 to 90 seconds per treatment, depending on wound complexity
- ✓ Portable and compact
- ✓ Detailed instruction manual
- ✓ Training guide
- ✓ Physician prescribing information sheet



The biological effect of UV-C and the treatment parameters are well understood. It can be used where conventional methods have been ineffective. Recently published clinical studies have documented the bactericidal and wound healing effectiveness of UV-C radiation therapy.

Specifications

Model C-100 Thera-Wand Ultraviolet-C Treatment Lamp

Radiation Output	Single wavelength 254 nm Ultraviolet "C" (UV-C), non-ionizing
Output Intensity.....	4 mW/cm ² nominal
Therapeutic Dose.....	120 to 360 millijoules/cm ² (typical)
Exposure Time.....	30 to 90 s (typical)
Treatment Frequency.....	3 times per week or at dressing changes, until bacteria-free
Course of Treatment.....	2 to 3 weeks (typical)
Height Above Wound.....	2.54 cm (1 inch) working distance
UV-C Blocking Goggles.....	Supplied. Required by operator and patient
Configuration.....	One UV-C, low-pressure mercury vapour tube
Electrical Safety.....	Certified to CSA requirements for medical use
Rated Tube Life.....	75 hours, typical
Power.....	120 VAC 60 Hz, 0.16 A
Weight.....	730 g (1.6 lb.)
Warranty.....	One year, excluding tube
Replacement Lamp Tube.....	Part Number BG100
Medical Safety and Efficacy.....	Listed by Health Canada as a Class 2 medical device. Licence 88512

™Thera-Wand is a trademark of Biomation

335 Perth Street
P.O. Box 156

Tel: 613-256-2821
Toll free: 1-888-667-2324

Head Office : BA/5A, Ashok Vihar, Phase-1, Delhi-110052, India

Showrooms : A-244/1, Ashok Vihar, Phase-1, Delhi-110052, India

Tel.: 011-27213471, 0-9971358977, **Fax :** 011-27130045

E-mail: samsinternational@yahoo.com, samsinternational09@gmail.com, samsinternational01@gmail.com, samsinternational02@gmail.com



Website: www.sams-international.com

FACTORIES AT GURGAON & RAI INDUSTRIAL AREA