

ENHANCE
HEALING!

WoundEL[®]

Wound electrostimulation therapy

Energy in the wound



WoundEL[®] practical placement guide
5 KEY STEPS

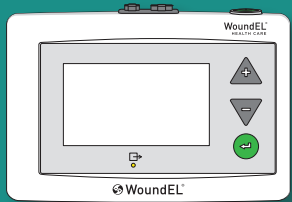
WoundEL® treats chronic wounds through electrostimulation by combining the benefits of controlled healing with those of daily electrostimulation sessions.

For optimal therapeutic results, it is imperative to maintain a moist and controlled environment conducive to the transmission of the electrical signal on the wound bed.

1. PREPARE YOUR EQUIPMENT

WOUNDEL® EQUIPMENT REQUIRED:

WoundEL® Console



2 X 30 MIN
SESSIONS/DAY
AT LEAST
6H APART

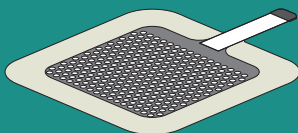
Main
Cable

Dressing
Cable

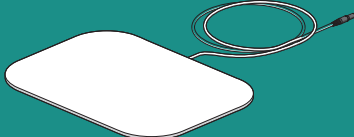


REPLACEMENT EVERY
2 TO 4 DAYS

1 to 2 Dressing Electrodes



1 Dispersion electrode



REPOSITIONABLE CAN BE
USED FOR UP TO 30 DAYS

ADDITIONAL EQUIPMENT:

Wound preparation:

Dressing kit, Saline solution, Scissors, etc.

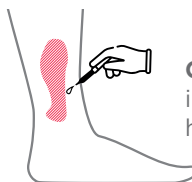
Protecting the edges:

Cream, Spray, Absorbent dressing (Optional see 3)

Wound bed: Alginate, Hydrofibre, Hydrogel (Optional see P.4)

Secured by: Bandage or compression wrap

2. PREPARE THE WOUND AND ITS EDGES

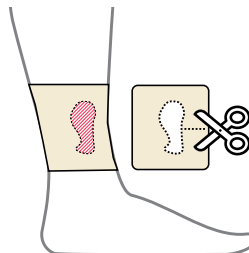


CLEANSE THE WOUND

in accordance with the
hospital protocol in force

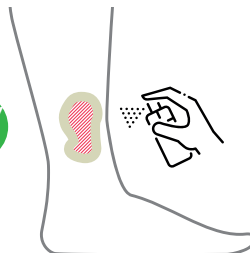
For fragile or atopic skin,
extra precautions can be taken:

BY PROTECTING THE EDGES OF THE WOUND:



Making a stencil with absorbent
dressing (such as Hydrofibre,
Alginate, Hydrocolloid, etc.)*

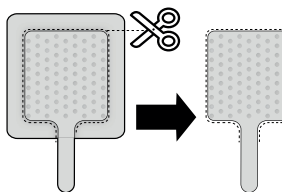
AND/
OR



Using a cream or
spray suitable for this
indication*

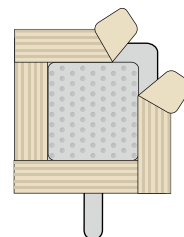
* Recommendations drawing from user experience since the launch of WoundEL®

BY ADAPTING THE DRESSING:



Cut out the entire adhesive
area, taking care not to cut
the electrode part or the
connecting tab

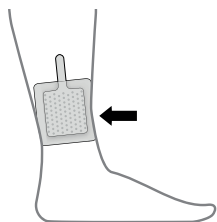
OR



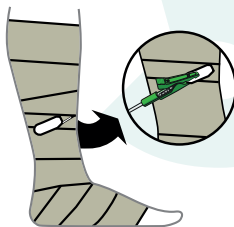
Apply an absorbent
dressing (such as
Hydrofibre, Alginate)
to the adhesive part
of the dressing



3. APPLY THE DRESSING



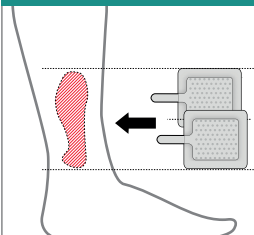
COVER THE WOUND
with the dressing
electrode.



If a **compression or holding strip is in place**, allow the tabs to protrude to facilitate the connection.

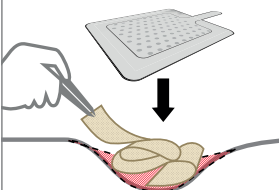
PLACEMENT CONSIDERATION DEPENDING ON THE WOUND:

ON WOUND LARGER THAN 10X10 CM:



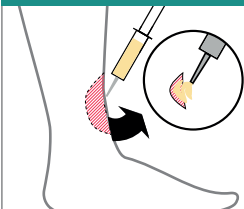
Two Dressing electrodes can be juxtaposed, taking care to cut out the adhesive parts that may be in contact with the wound. If the wound is not entirely covered by the electrodes, a moist dressing may be added (e.g. Alginate).

CAVITY WOUNDS (6 CM MAXIMUM):



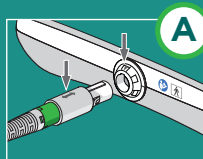
Pack the wound with a moistened conductor element to ensure contact and conductivity with the wound bed (Alginate or Hydrofibre)

DRY WOUNDS:

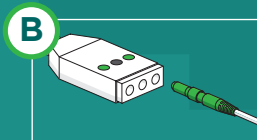


Add hydrogel to the wound to optimise the current flow.

4. CONNECTION TO THE WOUNDEL® CONSOLE



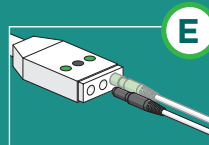
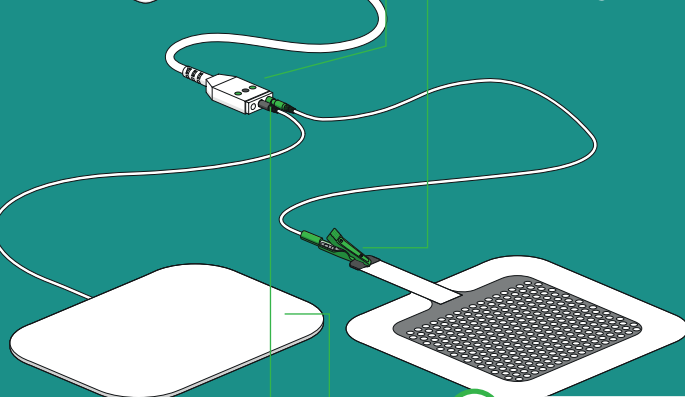
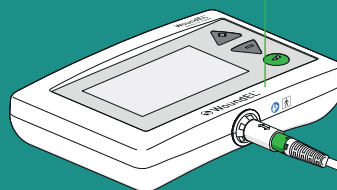
Connect the main cable to the Woundel® console
(Press without turning while holding the ring)



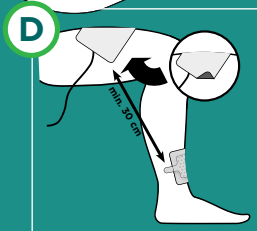
Connect the main cable to the dressing cable
(Green cap to green spot).
If necessary, connect a second dressing cable to the second green spot



Connect the dressing cable to the tab of the dressing electrode



Connect the dispersion electrode to the main cable
(Black connector to black spot)



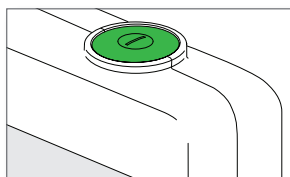
Apply the dispersion electrode
to a healthy, depilated patch of skin more than 30 cm from the dressing electrode

5.

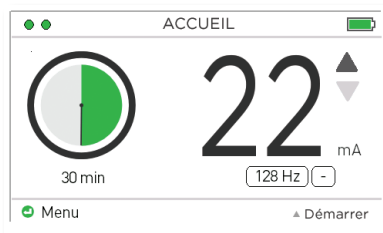
STARTING AN ELECTROSTIMULATION SESSION



PRESS THE GREEN START BUTTON
on top of the device



PRESS THE UP ARROW to start a new session, and confirm using the green button



⚠ Increase amperage until the patient begins to feel tingling, then decrease by one (1) mA using . Amperage can be set between 5 and 42mA.

The average is generally 20 to 25mA.
This sensitivity may vary between sessions



Make sure the yellow LED is on (current indicator)

END OF THE SESSION:

The session is pre-set to 30 min and the therapy stops automatically.

Disconnect the dressing cable and remove the dispersion electrode by putting it back on its transparent film.

F.A.Q

FREQUENTLY ASKED QUESTIONS

UNDER WHAT CIRCUMSTANCES CAN THERAPY SETTINGS BE MODIFIED? (FREQUENCY, POLARITY)

The console is pre-set by default to negative polarity and 128Hz frequency.

- Negative polarity: the objective is to stimulate debridement and granulation ¹.
 - Positive polarity: the objective is to stimulate epidermization ¹.
 - 128Hz frequency: all types of wound
 - 64Hz frequency: small wounds (<5cmX5cm)
- These settings are subject to medical prescription.

WHAT IF THE YELLOW LED, WHICH INDICATES THE CURRENT FLOW IN THE WOUND, DOES NOT LIGHT UP?

Check that the cables and dispersion electrode are connected and in perfect condition. It can be cleansed with saline solution to remove a possible build-up of skin flakes, replace the electrode if necessary. Finally, moisten the wound with saline solution or hydrogel.

IS IT NORMAL THAT A GEL IS FORMED WHEN REMOVING THE DRESSING (POSSIBLE ODOUR)?

The hydrogel in the Woundel® electrode absorbs exudate by gelling it and gives off a mild odour.

HOW TO ADJUST AMPERAGE IF MY PATIENT DOES NOT EXPERIENCE TINGLING FROM ELECTROSTIMULATION?

In the absence of tingling, amperage can be increased up to 42mA. For patients with cognitive impairment, start at 10mA and gradually increase while watching their body language.

WHAT IF THERE IS A METAL IMPLANT NEAR THE WOUND (E.G.: KNEE PROSTHESIS)?

Move the dispersion electrode so that the metal part does not stand between the two electrodes.

WHAT ABOUT SURROUNDING SKIN MACERATION?

Consider additional protection of the edges (see p.3) and/or changing the dressing more often.

If necessary, a primary dressing can be used in the wound bed (such as Alginate, Hydrofibre) to increase the absorption capacity of the electrode. Consider stopping the treatment if this is insufficient.

1. Gentzkow GD. Electrical stimulation for dermal wound healing. Wounds: A Compendium of Clinical Research and Practice. 1992 Nov-Dec; Vol4, N°6, 227-235.

RELEVANT INFORMATION

Our consoles available for rental
always come with a main cable and two dressing cables



Item Denomination	Reference	Unit of packaging
WoundEL® therapy console	ESDWO1	1
Electrode dressing	EWOPAN1	5
Dispersion electrode	EWODIS1	5
Main cable	YEWOMC1	1
Dressing cable (including the connection clamp)	YEWODCE2	2



Therapy console
class IIa medical device



Dressing electrode:
class IIb medical device



Dispersion electrode:
class I medical device

Carefully read the directions in the operating instructions and/or on the label.
Documentation intended for Healthcare Professionals. Not covered by LPPR (List of Products and Services qualifying for Reimbursement).
Actual product may differ from photographs.

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