

ENHANCE  
HEALING!

**WoundEL**<sup>®</sup>  
HEALTH CARE  
Wound electrostimulation therapy

Energy in the skin



WoundEL<sup>®</sup> practical placement guide  
**5 KEY STEPS**  
**CLÉS**

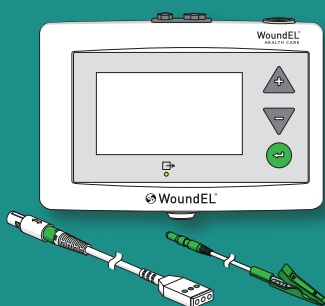
WoundEL® treats chronic wounds through electrostimulation by combining the benefits of controlled healing with those of daily electrostimulation sessions.

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



Main Cable

Dressing Cable

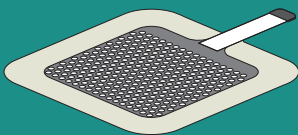


2 X 30 MIN  
SESSIONS/DAY  
AT LEAST  
6H APART

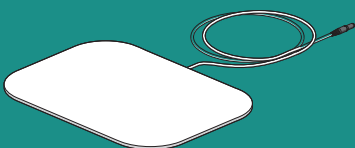


REPLACEMENT EVERY  
2 TO 4 DAYS

### 1 to 2 Dressing Electrodes



### 1 Dispersion electrode



REPOSITIONABLE  
CAN BE USED FOR UP TO 30D

### ADDITIONAL EQUIPMENT:

#### Wound preparation:

Dressing kit, Saline solution, Scissors, etc.

#### Protecting the edges:

Cream, Spray, Absorbent dressing (Optional see 3)

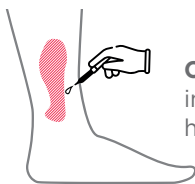
Wound bed: Alginate, Hydrofibre, Hydrogel (Optional see P.4)

Secured by: Bandage or compression wrap



# 2.

## PREPARE THE WOUND AND ITS EDGES

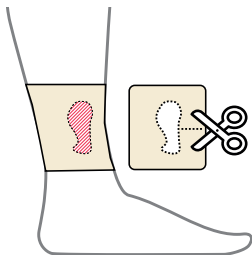


**CLEANSE THE WOUND**  
in accordance with the  
hospital protocol in force



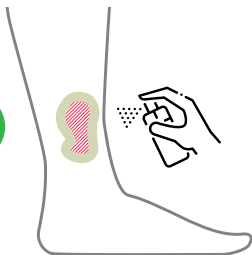
**For fragile or atopic skin,  
extra precautions can be taken:**

### BY PROTECTING THE EDGES OF THE WOUND:



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

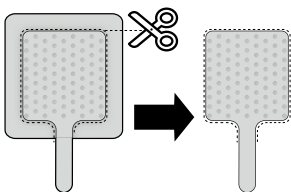
AND/  
OR



Using a cream or  
spray suitable for this  
indication\*

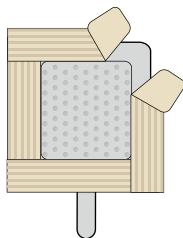
*\* Recommendations drawing from user experience since the launch of WoundEL®*

### BY ADAPTING THE DRESSING:



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

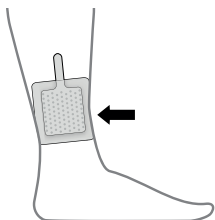
OR



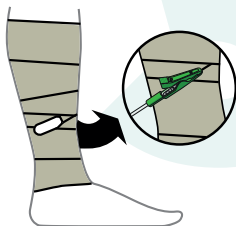
Apply an absorbent  
dressing (such as  
Hydrofibre, Alginate)  
to the adhesive part  
of the dressing

# 3.

## APPLY THE DRESSING



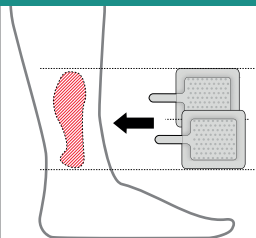
**COVER THE WOUND**  
with the dressing  
electrode.



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

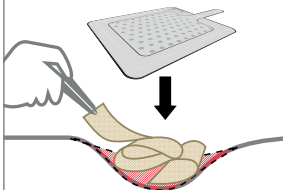
### PLACEMENT CONSIDERATION DEPENDING ON THE WOUND:

#### ON WOUND LARGER THAN 10X10 CM:



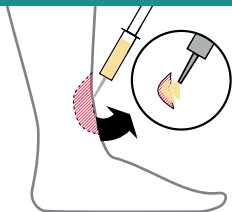
**Two Dressing electrodes can be juxtaposed**, taking care to cut out the adhesive parts that may be in contact with the wound. If the wound is not entirely covered by the electrodes, a moist dressing may be added (e.g. Alginate).

#### 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)

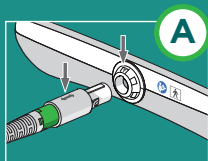
#### DRY WOUNDS:



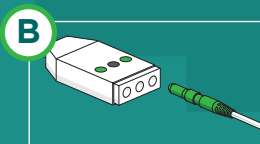
**Add hydrogel to the wound** to optimise the current flow.

# 4.

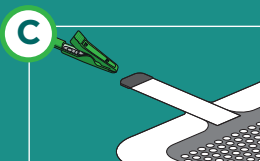
## CONNECTION TO THE WOUNDEL® CONSOLE



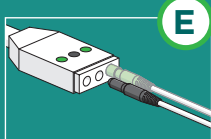
**Connect the main cable to the Woundel® console**  
(Press without turning while holding the ring)



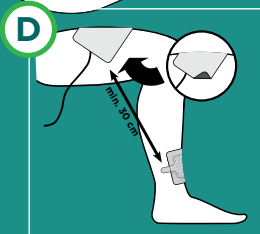
**Connect the main cable to the dressing cable**  
(Green cap to green spot).  
If necessary, connect a second dressing cable to the second green spot



**Connect the dressing cable to the tab of the dressing electrode**



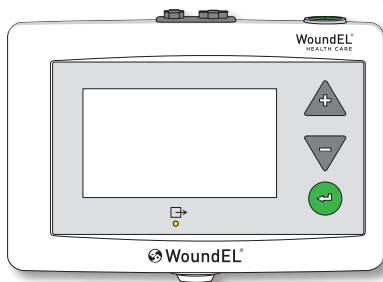
**Connect the dispersion electrode to the main cable**  
(Black connector to black spot)



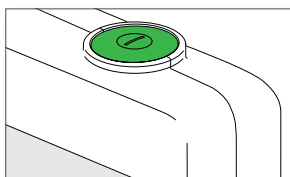
**Apply the dispersion electrode**  
to a healthy, depilated patch of skin more than 30 cm from the dressing electrode

# 5.

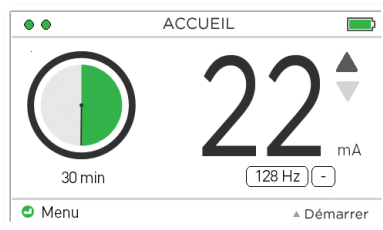
## STARTING AN ELECTROSTIMULATION SESSION



**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.

## 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 <sup>1</sup>.
- Positive polarity: the objective is to stimulate epidermization <sup>1</sup>.
- 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<sup>®</sup> 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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