













WoundSense LV

	USE BY DATE XX/XX/XX (3 years post manf.)		SINGLE USE ONLY
	WoundSense SV XXXX		CONSULT INSTRUCTIONS FOR USE
	BATCH NUMBER		TO BE USED WITH WOUNDSENSE METER ONLY
	OHMEDICS Ltd 60 Richmond Street Glasgow G1 1XP		STERILISATION BY ETHYLENE OXIDE
			DO NOT USE WHEN PACKAGING IS DAMAGED

WoundSense LV is a product of Ohmedics Ltd, 50 Richmond Street, Glasgow G1 1XP, Scotland, UK. E-mail info@ohmedics.com
Version 1.1, August 2011

WoundSense LV

Product Description

WoundSense LV is a disposable sensor, supplied sterile in a sealed pouch, which may be used in conjunction with the WoundSense meter to monitor moisture within leg ulcer dressings or other wounds which require large area dressings. The disposable sensor comprises a polymer strip containing a pair of silver chloride electrodes. The electrodes are covered by a porous layer designed to let exudates flow freely and provide easy removal of the device from the wound. The other end of the disposable sensor has two rectangular connecting tags that are used to connect to the WoundSense meter.



Indications

WoundSense LV may be applied to light, moderate or heavily exuding wounds including pressure sores, venous leg ulcers, diabetic ulcers and other chronic wounds. It may be applied to surgical wounds or trauma wounds or other acute wounds.

WoundSense LV is suitable for use under compression bandaging.

Precautions

WoundSense LV is **not indicated for** application to wounds arising from burns or skin grafts.

Site Preparation

Prepare the wound according to your chosen or advised wound management protocol ensuring that the skin around the wound is clean and dry.

Have the dressing that you have selected ready for application and near at hand.

WoundSense LV application

1. Open the package and remove the WoundSense LV sensor. Do not handle the end of the sensor that is covered with porous film as this may compromise the sterility of the sensor.
2. Place the sensor with the porous film side down onto the wound area so that the wound is first in contact with the porous film. The sensor should be placed as close to (or on) the area where you wish to monitor moisture and the two circular sensor heads visible through the polymer will be the location of the moisture measurement. Normally the moisture measurement will be desired at the centre of the wound area but could instead

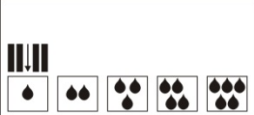
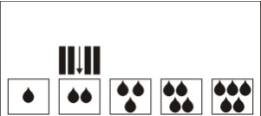



be at the periphery of the wound if you wish to monitor moisture at potential maceration sites.

3. Place your selected dressing over the WoundSense sensor. Successful placement will leave the square connecting tags for the meter clear of the dressing.
4. If you are using compression or other bandaging in addition to the wound dressing then you may now apply this. The connecting tags can be accessed if the sensor is kept flat against the skin under the bandaging emerging at the knee or edge of the bandage. The tags may be tucked into the bandaging at the knee and freed whenever a measurement of moisture is required. Alternatively the tags can be folded up and taped down to the dressing using surgical tape.
5. If you are not using compression bandaging then the connecting tags should be folded up at the edge of the dressing and covered with surgical tape. WoundSense LV is a long-reach sensor designed for use on leg ulcers or large wounds. If you have excessive lengths of the connector tags outside your dressing edge than you have chosen the wrong type of WoundSense sensor. WoundSense SV is the shorter sensor designed for small to medium wound areas.
6. If you are monitoring a very large area wound then you may wish to employ more than one sensor under the dressing. This is possible but place the sensors carefully so that they do not overlap. Each sensor will then read moisture from a different location of the wound area. You should create a diagram in your patient notes to record the location of the sensors under the dressing.
7. Note the date of application of the WoundSense sensor within the dressing. The WoundSense sensor can be safely left in place for 7 days.

Checking the moisture level

1. When you are ready to check moisture in the wound dressing, remove the surgical tape and unfold the connector tags or free the connector tags from the bandage.
2. Take the two clips on the WoundSense meter leads and clip one over each of the two silver, rectangular connector pads at the end of the connector tags.
3. Push the 'On' button on the meter and wait for the moisture reading to appear (in about 30 seconds maximum). Note – if you have just applied a fresh sensor and dressing then the wound will most likely read 'Dry'. This changes as the dressing settles in and you will get readings indicating the presence of moisture within a few hours of application of the new dressing.
4. Note: If your dressing does not make good wound contact you may read '**dry**' – neither dressing nor sensor is in real contact with the wound. To check this press gently on the dressing over the sensor while the meter is on and check if you have a change in reading.
5. You may use WoundSense in addition to moisture- providing gels that you may want to use as part of your woundcare protocol. In this case the meter will sense the presence of the moisture relatively soon after dressing application.
6. After obtaining the moisture reading, unclip the crocodile clips from the connector tags, refold the tags to the edge of the dressing and cover with surgical tape once more or tuck inside the bandage. If the meter does not give one of the responses shown in the table below then it may be malfunctioning so check the meter instruction manual for further guidance.
7. You may check the dressing as often as you require for moisture reading using the WoundSense meter. Once or twice a day should be adequate but **never** leave the meter or leads attached to the patient or the connector tags free of the tape or bandage.
8. Use the moisture readings from the meter as indicated below to aid your clinical decisions for the patient according to your wound management protocol. If you are a

patient who has obtained a WoundSense meter and sensors for home use, follow the instructions of your clinical carer on what to do with the reading you obtain.

Moisture Status at Sensor	Meter Graphical Output
<p>DRY</p> <p>An arrow over the single drop icon indicates that the wound is dry</p>	
<p>DRY to MOIST</p> <p>An arrow over the two drops icon indicates that the wound is dry- to- moist</p>	
<p>MOIST</p> <p>An arrow over the three drops icon indicates that the wound is moist</p>	
<p>MOIST to WET</p> <p>An arrow over the four drops icon indicates that the wound is moist to wet.</p>	
<p>WET</p> <p>An arrow over the five drops icon indicates that the wound is wet.</p>	

Removing the dressing and sensor

1. Remove the dressing according to your normal wound care practice to avoid trauma to the skin and pain.
2. Gently lift off the WoundSense sensors including the connector tags from the wound. The sensor is designed not to adhere to the wound. If required removal may be aided by gently pulling at the diagonal corners of the porous film. Dispose of the whole device in clinical waste immediately.
3. Proceed with your normal wound care observation and cleaning routine.
4. If you wish to continue to monitor moisture in the wound select a new WoundSense sensor in its sealed pouch and follow the application instructions above. The WoundSense sensor is a single use item and **must** be changed at every dressing change to avoid risk of infection on reapplication or degradation of sensor performance.
5. If you decide that the wound has reached a stage where healing is almost complete or moisture levels are not critical then do not apply a new WoundSense sensor and move on to the next stage in your own wound care protocol.
6. The WoundSense sensor can be safely left in place inside a dressing for up to 7 days without being removed.

Do not use a WoundSense sensor if its pouch looks damaged or opened or if the product has passed the expiry date printed on the pouch.