NESSY Ω™

Neutral **E**lectrode **S**afety **SY**stem

> NESSY Omega™

A ring of protection.

ERBE
USA Incorporated
Surgical Systems

NESSY Ω

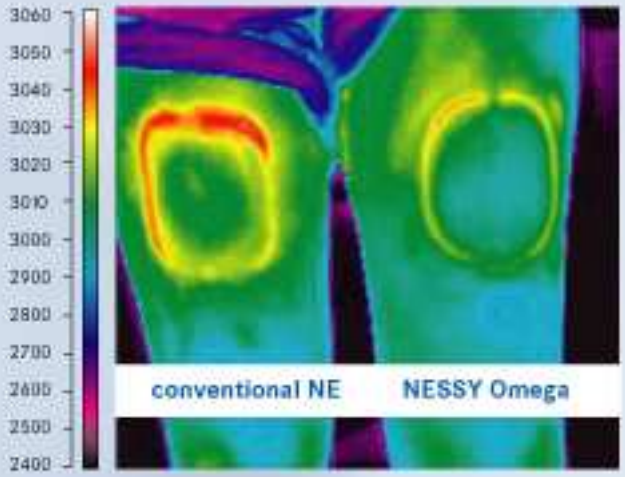
Neutral Electrode Safety SYstem

> NESSY Omega™
A ring of protection.

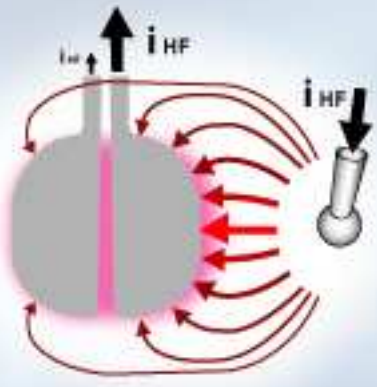
The equipotential ring of the NESSY Omega distributes high-frequency current more consistently over the active contact surface. The more uniform heat dispersal minimizes the occurrence of burns caused by high current densities near the edge of the electrode. The plate can be applied irrespective of orientation to the operative site (a previous necessity to avoiding burns), and that the size of the contact surface can be reduced, which is an advantage when the pad is placed on an adult, but particularly beneficial when treating children.

Advantages of NESSY Omega:

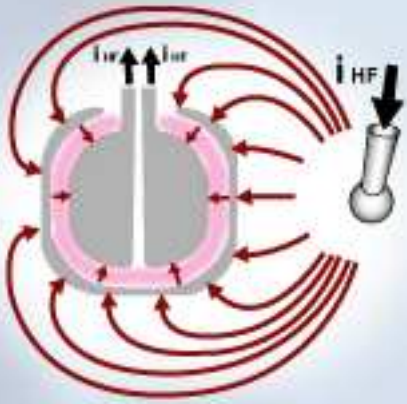
- *The electrode's thin, flexible material composition conforms to the shape of the body.*
- *High current densities and partial warming are minimized, allowing application irrespective of orientation to the operative site.*
- *A peel-off tab makes handling easy.*
- *A hydrogel layer stores moisture well, and has good adhesion and conductive properties.*
- *NESSY Omega is compatible with ERBE APC, ICC and VIO systems, as well as other split-pad-compatible technologies, such as Contact Quality Monitoring Systems (CQMS) (e.g. REM™* & NESSY™).*
- *Can be used on both children and adults.*



A thermographic measurement comparing a conventional patient plate (left) and NESSY Omega (right) shows an obvious reduction in heat build-up (test current of 700 mA was applied for a period of 60 seconds).



With many conventional patient plates, the leading-edge effect occurs on the side of the pad that is towards the operative site.



NESSY Omega's equipotential ring distributes the high-frequency current more consistently over the electrode surfaces, irrespective of orientation to the operative site.

*REM is a registered trademark of ValleyLab, a division of Tyco

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