

Safety guidelines

When using the monopolar mode



Warning! Ignoring the following guidelines may lead to burning the animal when using the monopolar mode.

→ To mitigate the risk of burning the patient, it is necessary to make sure that the electric current circulates between the cutting electrode and the neutral plate in an optimal way. It is mandatory to:

1) Ensure the best possible contact between the neutral plate and the animal:

- a. Place the neutral plate as close as possible to the surgery site on the opposite side of the body of the patient
- b. The body surface in contact with the neutral plate must be convex and preferably be composed of well vascularized muscular tissue (avoid fat tissues, prominent bones, metal prosthesis located under the skin, as well as scar tissue)
- c. Shave the contact surface and use an electro-conductive gel such as ECG gel

2) Avoid current leakage, which may provoke a burn on another part of the body of the animal:

- a. The animal must not be in contact with any conductive object connected to the earth, such as the surface of a metal surgery table, or any other large metal object
- b. Avoid contact between the animal and the surgery electrode cables during the surgery
- c. Always use the lowest possible power, sufficient and necessary to perform the surgery in the given situation