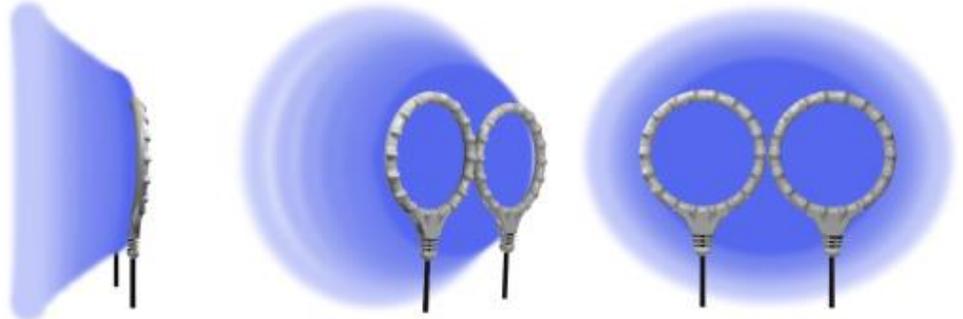


# ICES COIL CONFIGURATIONS

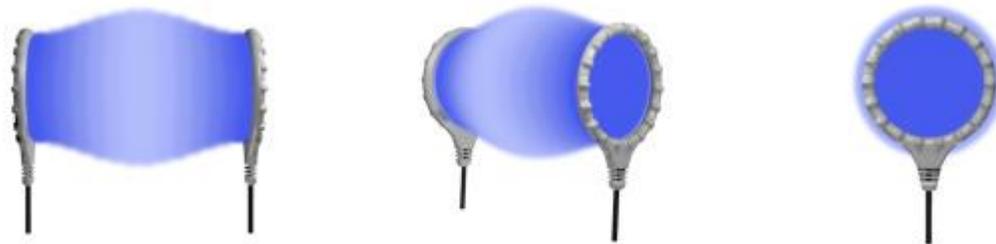
## **Side-by-Side Configuration: Coil Placement and Stimulation Zone**

**Side-by-Side** configuration can be effective for large, thick parts of the body when the injury is relatively close to the surface, within about two inches (25 to 50 mm) of the skin. The coils are situated on the same side of the injury area, adjacent to each other with the bumpy sides of each coil facing the same direction. The magnetic field is more shallow and less intense compared to the Opposite-Side configuration but is spread over a larger area of tissue. This is the most frequently used coil configuration for thicker body parts, and generally can be used anywhere. This configuration is often placed across the spine (not along the spine) for treating spinal cord injury and spinal degenerative conditions, especially for older dogs and cats.



## **Opposite-Side Configuration: Coil Placement and Stimulation Zone**

**Opposite-Side** configuration is used for thinner body sections and joints, such as legs, elbows, knees, ankles, hooves, feet, paws, etc. The two coils are located on opposite sides of the injury. The magnetic field strength is moderately strong in the volume of tissue between the coils to stimulate the deepest tissues. The coils can be placed across one or both hips to treat arthritis hip dysplasia, or other injuries to the skeleton or organs in the pelvic region. Coils can also be re-shaped into long narrow ovals to treat long narrow bones or incisions.



## **Stacked Configuration: Placement and Stimulation Zone**

**Stacked** configuration is used when maximum field strength is desired in a small volume of tissue. In such cases the two coils are placed against one another (stacked) with the bumpy sides facing each other, and then located against the body as a unit. The magnetic field strength is very strong immediately below the stacked coils. This configuration is most often used by equine acupuncturists. The stacked coils concentrate the magnetic field, and are used in place of acupuncture needles. Skillfully applied digital acupuncture can quickly reduce very large volumes of swelling and pain in large animals such as horses.



**MOST IMPORTANT:** Try different coil placements and note the effects to determine which coil configuration works best for the injury you are treating. If treatment causes discomfort first try reducing the power setting (L M H or X), and also try re-orienting the coils. Every injury is different, so some careful experimenting with coil placement is generally necessary to achieve the best results.

To view instructional videos and to find more helpful suggestions, search YouTube for “Micro-Pulse ICES PEMF Video Tutorial”