Claims

1. A device for forming a channel in soft tissue filled with aqueous gel, comprising an oblong rotationally symmetric pin comprising a distal section extending from the distal towards the proximal end, a central section extending from the distal section towards the proximal end, and a proximal section extending from the central section to the proximal end, a central conduit extending from the proximal end to the distal section, means for providing fluid connection between the conduit and a reservoir for aqueous gel disposed at the proximal end of the conduit, and through bores disposed in the central section radially extending from the central conduit.

2. The device of claim 1, wherein the distal section narrows towards the distal end of the pin.

3. The device of claim 2, wherein the pin is cylindrical form, optionally except for at its proximal end.

4. The device of claim 1 or claim 2, wherein the device is of metal and/or polymer.

5. The device of any one of claims 1 to 4, further comprising an electrode or optical fiber.

6. A system for providing a channel in soft tissue filled with aqueous gel comprising the device of any one of claims 1 to 5 and an insertion guide comprising a tubiform element and a radially extending flange disposed at one end of the tubiform element; wherein the lumen of the tubiform element is slightly wider than the diameter of the device.

7. The system of claim 6, wherein the axial extension of the tubiform element is greater than the axial extension of the central section of the pin.

8. The system of claim 6 or claim 7, wherein the insertion guide comprises a stiff holding element fastened at the tubiform element and or the flange at its one end, the holding element being securable, directly or indirectly, at its other end at the person or animal comprising said soft tissue or at support on which the person or animal is immobilized.

9. The system of any one of claims 6 to 8, further comprising a reservoir filled with aqueous gel in fluid communication with the device, and a means for applying pressure to the gel in the reservoir.