Elbow for Joint Injection

Part No: 30080

For practising soft tissue joint injection used for the treatment of injuries and arthritis. The arm is presented for the treatment of both Golfer’s and Tennis elbow.

Skills
- Patient posture and management
- Palpation techniques
- Identifying anatomical landmarks and painful areas
- Injections for:
  - Tennis Elbow (lateral epicondylitis)
  - Golfer’s Elbow (medial epicondylitis)
- Training in fan or cone infiltration techniques

Features
- Flexed right elbow, which rotates on the stand
- Easy-to-use Feedback Console illuminates:
  - when the correct pressure pain points are found
  - when needle is correctly placed in the injection sites
  - if needle enters ulnar nerve lying behind medial epicondyle
- Supplied with ‘No Trace’ marker (non-permanent rapidly fading ink) for illustrating underlying anatomical landmarks

Package supplied
- 1 `No-Trace’ Marker Part No: 30023
- 1 Elbow Needle Set Part No: 30093
- 1 Elbow for Joint Injection
- 1 Feedback Console with batteries
- 1 Joint and Soft Tissue Injection by Dr. Trevor Silver

Care of products made from latex foam rubber
- Latex foam is a natural product; store away from strong light, preferably in the case provided, to reduce exposure to ozone. Ozone is generated by some electrical equipment including telephones and computers.
- Wash your hands before touching the foam. If the foam is handled after contact with certain metals, eg copper coins, it becomes yellow and discoloured.
- The foam may be washed effectively using any mild soap and rinsed afterwards. ‘Vanish™’ soap is very effective. Do not immerse the model in water or allow water to run freely over the surface
- Do not ingest the product and practice normal hygiene after handling the product.

Battery test procedure

1. Before connecting any electrical leads, firmly press the ‘Battery/system test’ button on the front panel of the Feedback Console. All the lights should illuminate.
   If they do not: check that there are batteries inserted (4x 1.5v AA/ LR6/ AM3/MN1500). Alkaline batteries are recommended. Observe any safety information printed on the batteries.

2. If batteries are inserted make sure they are the correct way round.
   A polarity diagram is moulded into the plastic underneath the batteries. If the batteries are inserted correctly and the lights still do not illuminate, remove them and insert batteries that are known to be working.

NOTE
Batteries should be removed from the Feedback Console if the product is not being used for an extended period of time.
Connecting the leads

1. Having satisfied out the Battery Test Procedure, ensure that the lead running from the model is plugged into the black socket at the back of the Feedback Console.

2. Ensure the lead running from the syringe is plugged into the circular socket at the back of the Feedback Console.

3. Press the ‘Battery/system test’ button at the bottom of the front panel of the Feedback Console. All the lights should illuminate.

Simulation of injection

1. Should the lights fail to come on, disconnect and reconnect the leads at the back of the Feedback Console. If the lights do not illuminate after doing this then the model has probably developed a fault and should be returned.

2. Before use, check that the needle is not blocked and that the tip of the needle is sharp and straight.

3. A point of maximal tenderness can first be identified with firm, precise pressure over either epicondyle whereupon a yellow light will illuminate. Correct injection technique can then taught.

When the needle enters the correct injection sites for Tennis Elbow or Golfers Elbow, a green light will illuminate. Correct injection technique can then taught.
A red light will illuminate if the needle enters the ulnar nerve which lies behind the medial epicondyle (Golfer’s Elbow).