Renon \((^{99}\text{mTc-DTPA})\)

**Tc-MR-11**

**Active substance**
- Diethyleneetriamine pentaacetic acid (DTPA)

**Indications**
- The \(^{99}\text{mTc}\) labelled compound can be used for:
  - dynamic renal scintigraphy for perfusion, function and urinary tract studies
  - measurement of glomerular filtration rate
  - cerebral angiography and brain scanning (when CT or MRI is not available)
  - lung ventilation imaging (by inhalation of the labelled compound)
  - gastro-oesophageal reflux and gastric emptying (by oral administration)

**Excipients**
- Stannous(II) chloride dihydrate
- Sodium acetate trihydrate
- Ascorbic acid

**Dose for adults**

**Recommended dose ranges**
- for i.v. administration:
  - measurement of glomerular filtration rate from plasma: 1.8-3.7 MBq
  - measurement of glomerular filtration rate using gamma camera combined with sequential dynamic renal scanning: 37-370 MBq
  - brain scanning: 185-740 MBq
- for inhalation: 500-1000 MBq in nebuliser 50-100 MBq in lung
- for oral use:
  - study of gastro-oesophageal reflux and gastric emptying: 10-20 MBq
- paediatric dose: to be adjusted to body weight 20 MBq is the minimal dose (also in babies) to obtain images of sufficient quality in kidney studies (for detailed information see SmPC)

**Labelling activity**
- Up to 8 GBq

**Labelling volume**
- 1-5 ml

**Storage of cold kit**
- 24 months from date of manufacturing, below 25ºC protected from light

**Storage of labelled compound**
- 6 hrs below 25ºC

**Package size**
- 6 vials

**Remark**
- Also for veterinary application (dynamic kidney studies: horse, dog, cat, exotic animals)

**Registration numbers**
- Hungary: OGYI-T-8816/01

**Marketing Authorization Holder**
- Medi-Radiopharma Co., Ltd. 2030 Érd, Szamos utca 10-12., Hungary