

# [Morphine Sulfate]

PAIN

## ORAL MODIFIED RELEASE COMPLETE LINE

### STRENGTHS AND PHARMACEUTICAL FORMS:

20 – 40 – 60 – 120 – 200 mg, Once a day / Sustained Release, pellets in capsules, Multicaps®  
5 – 10 – 20 – 30 mg, Immediate Release / pellets in capsules, Multicaps®

### PHARMACOLOGICAL AND THERAPEUTIC PROPERTIES:

Morphine, the principal alkaloid of opium, is an opioid analgesic with agonist activities mainly at  $\mu$  receptors.

Morphine is the analgesic of reference for the relief of moderate to severe pain, when weaker analgesics (WHO level I and II) prove to be insufficient. In addition to relieving pain, morphine also alleviates the anxiety associated with severe pain.

The immediate release formulation can be used to titrate patients, (i.e.) to find the dose that will relieve pain but has to be given every 4 hours.

Several slow release (SR) formulations of morphine were developed to provide a better continuous pain control with less nyctemeral fluctuations. The first developed SR formulations were administered 12 hourly, then once a day formulations were developed.

### CTD DOSSIERS:

CTD dossier available in Europe.

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