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# Diploma in Pharmacy 2<sup>nd</sup> Year

## Community Pharmacy & Management

### Experiment

To study appropriate handling with correct administration techniques of nasal drops.

#### Aim:

To study appropriate handling with correct administration techniques of nasal drops.

#### Reference :

‘ Dr. Gupta G.D. , Dr. Sharma Shailesh, Dr. Gupta Richa, “Practical Manual of Community Pharmacy and Management” Published by Nirali Prakashan, Page no 93 – 96

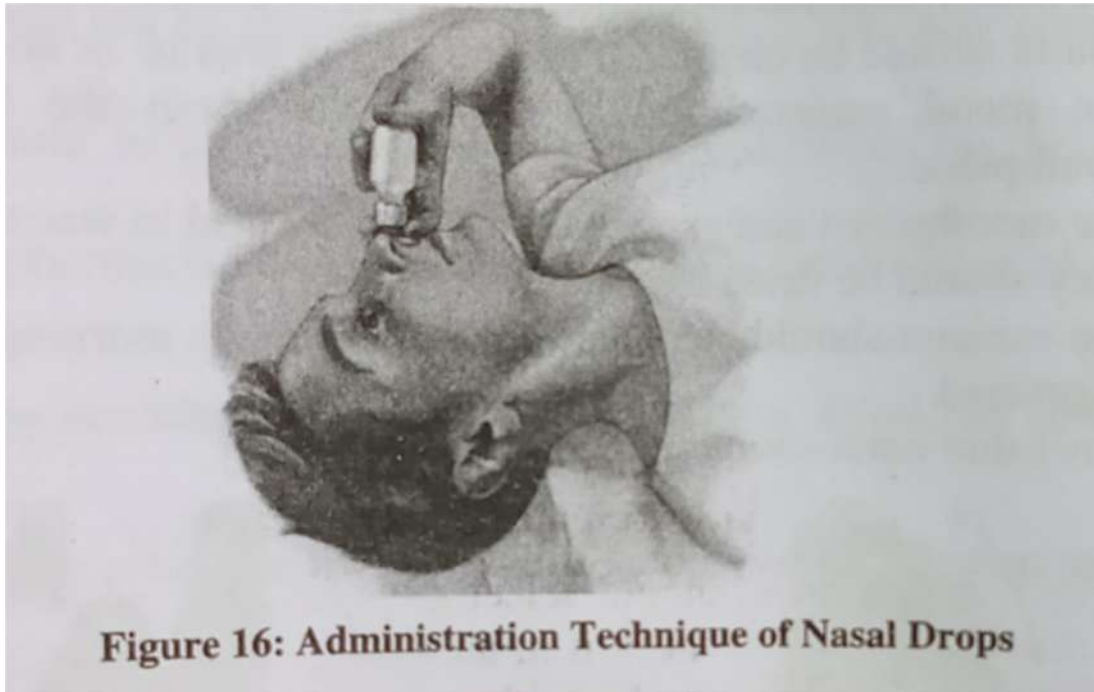
#### Theory :

Nasal drops are drugs in solution form which with the help of a dropper or a plastic squeeze bottle are instilled into the nose. Nasal drops are aqueous or oily solutions which are instilled into the nostrils using a dropper. These solutions contain antiseptics, local analgesics, or vasoconstrictors.

#### Handling and Administration Technique of Nasal Drops

- 1) Nose should be blown gently.
- 2) Hands should be washed completely with soap and water.
- 3) The dropper tip should be examined to confirm if it is damaged or broken
- 4) The dropper tip should be avoided from touching the nose.
- 5) Head should be tilted back during sitting down or lying down on a flat surface with head hanging over the edge
- 6) The medication should be applied in to the nostril as directed
- 7) Head should be bent forward towards right and left consecutively for a few times

- 8) This position should be maintained for a few minutes.
- 9) The cap should be replaced and hands should be washed



**Figure 16: Administration Technique of Nasal Drops**

## Precautions

- 1) This medicine should only be applied into the nostrils it should not be taken orally
- 2) Decongestant-containing nasal drops should not be used continuously for longer than recommendation. Its effectiveness may be lowered by overuse Furthermore, sudden stopping of continuous-long term will result in rebound nasal block.
- 3) This medicine should not be used after 28 days it has been opened.
- 4) Each bottle should be used by one patient to stop the transmission of infection.

## Result :

Appropriate handling with correct administration techniques of nasal drops was studied