

How to use ?

A Intranasal drops

الخطوات المشتركة

1 → Blow ur nose gently to clear the nostrils.

2 → Wash ur hands with soap

3 → Lie down on a bed with your head tilted back and the neck supported

4 → Draw up a small amount of medication into the medicine dropper. Breathe through your mouth.

5 → Place the tip of the medicine dropper just inside your nostril (about 1/3 inch). Avoid touching the dropper against the nostril or anything else.

6 → Remain lying down for about 5 minutes, so the medication has a chance to spread throughout your nasal passages. Replace the medicine dropper to its container and tightly close the bottle.



B Sprays or pumps

3 → Hold your head in an upright position. Close one nostril with one finger.

4 → With the mouth closed, insert the tip of the spray or pump into the open nostril. Sniff in through the nostril while quickly and firmly squeezing the spray container or activating the pump.

5 → Hold your breath for a few seconds and then breathe out through your mouth.

6 → Rinse the spray or pump tip with hot water and replace the cap tightly on the container.

7 → Wash ur hands

② Inhalation (solutions, suspensions, powders)

الرئة
lungs الهدف إيصال الدواء إلى

عناجيز لـ Inhalation solutions
جهاز يُستخدم كثير

① Nebulizer: بالعلاج الاستنشاق

جهاز مزلي ينتج بخار

② Vaporizer: ماء ناعم لترطيب الجو

الرجم
Particle size → مكان الترسب

- ① 20 μ m (كبيرة) → oropharyngeal / region
الفم والبلعوم
- ② 1-10 μ m (متوسطة) → terminal bronchioles
القنوات
- ③ 0.6 μ m (صغيرة) → alveolar sacs
الحويصلات الهوائية

These formulations are administered via an aerosol or a dry powder inhaler.

are devices where liquid or suspension droplets are the internal phase and a gas is the external phase.

① Sterile Water for Inhalation, USP, and Sodium Chloride Inhalation, USP, may be used as vehicles for inhalation solutions.