

20 acyclovir

USES: Long-term maintenance treatment of bronchospasm in COPD, emphysema, chronic bronchitis, not indicated for initial treatment of acute episodes

CONTRAINDICATIONS: Hypersensitivity

DOSAGE AND ROUTES

• **Adults, including geriatric patients:**
ORAL INHALATION 400 mcg (1 actuation) bid; doses should be 12 hr apart

acyclovir (Rx)

(ay-sye'kloe-veer)

Avirax ✨, Sitavig, Xerese ✨, Zovirax

Func. class.: Antiviral

Chem. class.: Purine nucleoside analog

Do not confuse:

Zovirax/Zyvox/Valtrex/Zostrix

ACTION: Converted to acyclovir monophosphate by virus-specific thymidine kinase then further converted to acyclovir triphosphate by other cellular enzymes

USES: Mucocutaneous herpes simplex virus, herpes genitalis (HSV-1, HSV-2), varicella infections, herpes zoster, herpes simplex encephalitis

Unlabeled uses: Bell's palsy, prevention of CMV, Epstein-Barr virus, esophagitis, hairy leukoplakia, prevention of herpes labialis, herpes simplex, herpes simplex ocular prophylaxis, keratoconjunctivitis, pharyngitis, pneumonitis, prevention of postherpetic neuralgia, proctitis, stomatitis, tracheobronchitis, varicella prophylaxis

CONTRAINDICATIONS: Hypersensitivity to this product, valACYclovir; milk protein (buccal)

Precautions: Pregnancy, breastfeeding, renal/hepatic/neurologic disease, electrolyte imbalance, dehydration, hypersensitivity to famciclovir, ganciclovir, penciclovir, valGANciclovir, obesity

DOSAGE AND ROUTES

Base dose in obese patients on ideal body weight, not actual body weight

Herpes simplex (recurrent)

• **Adult: PO** 400 mg 3×/day for 5 days or 200 mg 5×/day × 5 days

• **Adult and child >12 yr: IV INFUSION** 5 mg/kg over 1 hr q8hr × 7 days

• **Infant >3 mo/child <12 yr: IV INFUSION** 10 mg/kg q8hr × 7 days; if HIV infected, 5-10 mg/kg q8hr (moderate to severe)

• **Neonate: IV INFUSION** 10 mg/kg q8hr × 10 days, may use higher dose

Genital herpes, initial episodes

• **Adult: PO** 400 mg tid or 200 mg 5×/day × 7-10 days, may extend treatment if healing is not complete after 10 days; **TOP** × 5 days; **IV** 5 mg/kg q8hr or 750 mg/m²/day divided q8hr × 5-7 days

Genital herpes, episodic treatment

• **Adult: PO** 400 mg tid or 800 mg bid × 5 days or 800 mg tid × 2 days; initiate within 1 day of lesion onset

Genital herpes, suppression therapy

• **Adult: PO** 400 mg bid for up to 12 months or 200 mg 3-5 times daily for up to 12 months

Genital herpes, initial limited, mucocutaneous HSV in immunocompromised patients, non-life-threatening

• **Adult/child ≥12 yr: TOP** cover lesions q3hr 6×/day

Herpes simplex encephalitis

• **Adult: IV** 10 mg/kg over 1 hr q8hr × 10 days

• **Child 3 mo-12 yr: IV** 10-15 mg/kg q8hr × 4-21 days

• **Child birth-3 mo: IV** 20 mg/kg q8hr × 21 days

• **Neonates/premature infants: IV** 10 mg/kg q12hr × 14-21 days

Herpes labialis, recurrent

• **Adult/child ≥12 yr: TOP** apply cream 5×/day for 4 days; start as soon as symptoms appear

Herpes labialis, recurrent in immunocompetent patients

• **Adult: Buccal** 50 mg as a single dose in upper gum region within 1 hr after