

Selection of Antiviral Treatment for Influenza

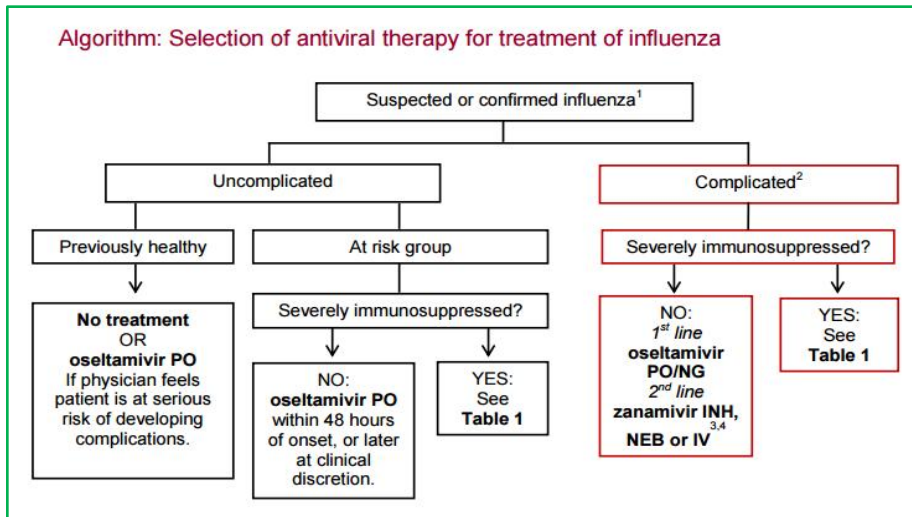


Table 1: Management of severely immunocompromised patients with confirmed/presumed influenza

| | Dominant strain H3N2 | Dominant strain H1N1 (higher risk of oseltamivir resistance) |
|---------------|--|---|
| Uncomplicated | Oseltamivir | Zanamivir diskhaler or oseltamivir po (if not tolerating diskhaler) |
| Complicated | 1 st line: oseltamivir 2 nd line: zanamivir (inh/neb/IV) - consider switching if poor clinical response | Zanamivir (inh/neb/IV) |

| TREATMENT | Premature (less than 38 weeks post conceptual age) | Premature (38–40 weeks post conceptual age) | 0–12 months | >1–12 years: Dose according to weight below | | | | Adults (13 years and over) ² |
|---|---|---|----------------|---|----------|----------|---------|---|
| | | | | ≤15kg | >15-23kg | >23-40kg | >40kg | |
| Oseltamivir PO (treatment course: 5 days) | 1mg/kg /dose bd <i>Unlicensed</i> ¹ | 1.5mg/kg /dose bd <i>Unlicensed</i> ¹ | 3mg/kg/dose bd | 30mg bd | 45mg bd | 60mg bd | 75mg bd | 75mg bd |
| Zanamivir INH (treatment course: 5 days) | Not licensed for children <5 years old. Children >5 years: 10mg bd | | | | | | | 10 mg bd |

¹This is an unlicensed use of oseltamivir, and is based on the literature, and expert opinion (7,8,9).

²If a person in this age group weighs 40kg or less, it is suggested that the >23-40kg dose for those aged >1-12 years, is used.

These recommendations are based on the PHE influenza guidelines 2016-2017:-

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/562747/PHE_guidance_antivirals_influenza_2016_to_2017_FINAL.pdf