

Z

Zaleplon **see** ACETAMIDES

ZANAMIVIR QU61

D2 D3 D9 A guanido-neuraminic acid that is used to inhibit NEURAMINIDASE.

ZENKER DIVERTICULUM WV410

C23 A DIVERTICULUM at the upper end of the OESOPHAGUS through the cricopharyngeal muscle at the junction of the PHARYNX and the oesophagus.

Zero population growth **see** POPULATION GROWTH HA10

Zhi Ya **see** ACUPRESSURE WB852

Zhong Yi Xue **see** MEDICINE, CHINESE TRADITIONAL WB59

ZIDOVUDINE QV268.5

D3 D13 A dideoxynucleoside compound in which the 3'-hydroxy group on the sugar moiety has been replaced by an azido group. This modification prevents the formation of phosphodiester linkages which are needed for the completion of nucleic acid chains. The compound is a potent inhibitor of HIV replication, acting as a chain-terminator of viral DNA during reverse transcription. It improves immunologic function, partially reverses the HIV-induced neurological dysfunction, and improves certain other clinical abnormalities associated with AIDS. Its principal toxic effect is dose-dependent suppression of bone marrow, resulting in anemia and leukopenia. **See related** ACQUIRED IMMUNODEFICIENCY SYNDROME

ZIMBABWE G

Z1 A republic in southern Africa, east of ZAMBIA and BOTSWANA and west of MOZAMBIQUE. Its capital is Harare. It was formerly called Rhodesia and Southern Rhodesia.

ZINC QV298

D1 A metallic element of atomic number 30 and atomic weight 65.38. It is a necessary trace element in the diet, forming an essential part of many enzymes, and playing an important role in protein synthesis and in cell division. Zinc deficiency is associated with ANAEMIA, short stature, HYPOGONADISM, impaired WOUND HEALING, and geophagia. It is known by the symbol Zn.

Zolpidem **see** PYRIDINES QU65

Zona **see** HERPES ZOSTER WL336

Zone therapy **see** MASSAGE WB537

ZOOLOGY QL4

H1 Specialty. The study of animals - their morphology, growth, distribution, classification, and behaviour. Use for the discipline (education, history, etc) only. **See related** ANIMALS

Zoomastigophora **see** EUKARYOTA QH50

ZOONOSES WD550

C1 C2 C3 C22 Diseases of non-human animals that may be transmitted to man or may be transmitted from man to non-human animals. Do not use as a coordinate for every zoonotic disease, only when the aspect of zoonoses is specifically discussed. **See related** BITES AND STINGS; DISEASE RESERVOIRS; INSECT BITES AND STINGS; PUBLIC HEALTH

Zoophaginae **see** VIRUSES QW160-70

Zopiclone **see** ACETAMIDES

Zoster **see** HERPES ZOSTER WL336