


Amikacin

This article has been translated from WikiSkripta; ready for the **editor's review**.

It is a derivative of another aminoglycoside antibiotic - kanamycin . Its indications are identical to gentamicin , but the dosage is higher. It is only used to treat infections caused by **gentamicin-resistant strains**.^[1]

 It is part of a **rational antibiotic policy** that says that gentamicin is the preferred antibiotic for aminoglycoside antibiotics. Only when resistant strains occur will we exchange gentamicin for amikacin. Part of the policy is also the **rotation of antibiotics** - the use of amikacin can, after some time, restore the pathogen's good sensitivity to gentamicin, to which it can then be returned.^[2]

Links

Related articles

- Aminoglycosides

References

1. LINCOVÁ, Dagmar – FARGHALI, Hassan. *Základní a aplikovaná farmakologie*. 2. edition. Prague : Galén, 2007. 672 pp. pp. 492. ISBN 978-80-7262-373-0.
2. LINCOVÁ, Dagmar – FARGHALI, Hassan. *Základní a aplikovaná farmakologie*. 2. edition. Prague : Galén, 2007. 672 pp. pp. 489. ISBN 978-80-7262-373-0.

Used literature

- LINCOVÁ, Dagmar – FARGHALI, Hassan. *Základní a aplikovaná farmakologie*. 2. edition. Prague : Galén, 2007. 672 pp. ISBN 978-80-7262-373-0.