Al- Mustaqbal University College

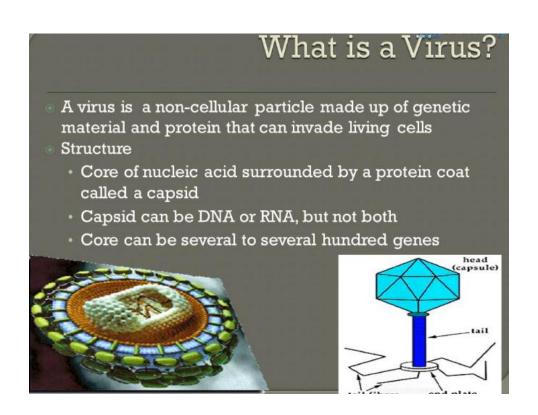
First stage.
Department of Optometry(Optics)

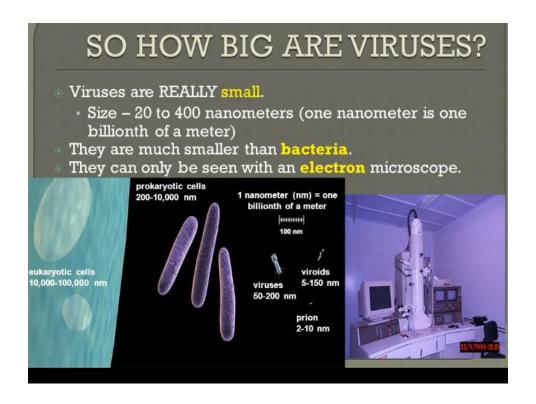


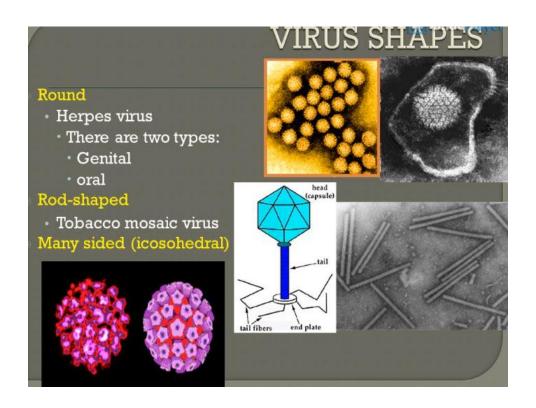
جامعة المستقبل الاهلي مرحلة الاولى قسم التقنيات البصرية

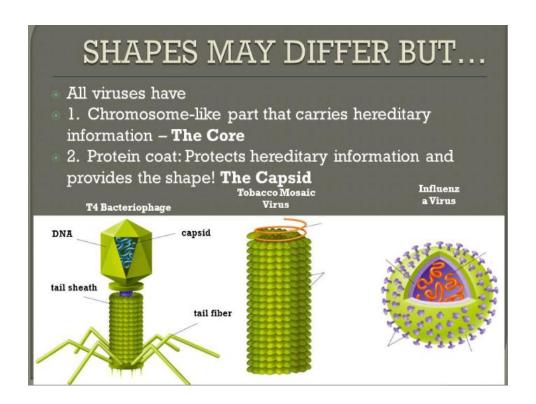
Introduction of virus

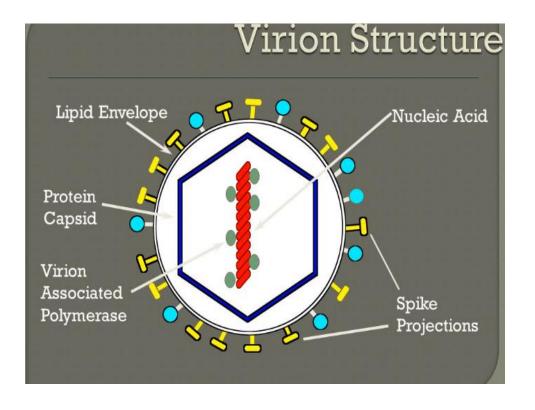
Dr: Zainab waddah Naser Lecture :7 7/4/2022









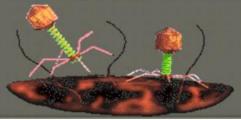


Viroid

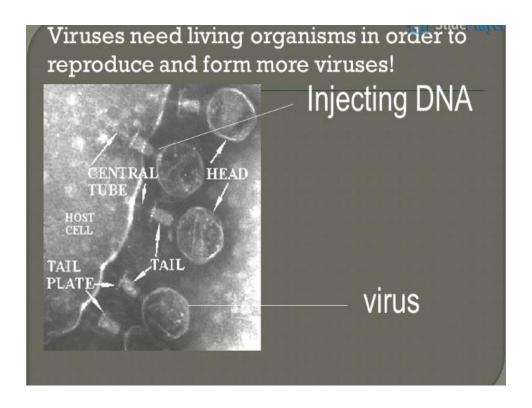
- A viroid is made only of single-stranded RNA
 - causes disease in plants
 - can stunt plant growth
 - passed through seeds or pollen

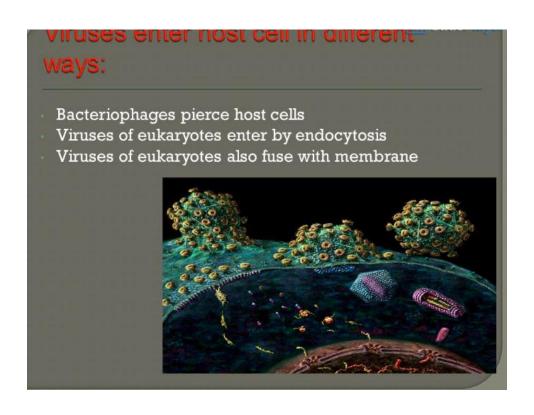
Bacteriopnage

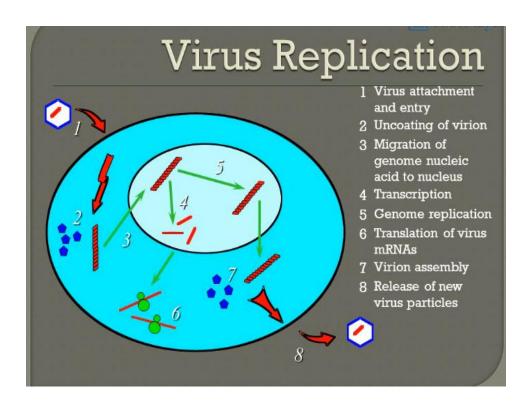
- Bacteriophages are viruses that infect bacteria
- Bacteriophage
 - · Head capsid and DNA
 - · Tail with fibers to attach to bacteria
 - T group
 - Most commonly studied are T group T1, T2, T3, T4 etc...
 - T4 has a DNA core within a protein coat, and tail with tail fibers to attach to bacteria.

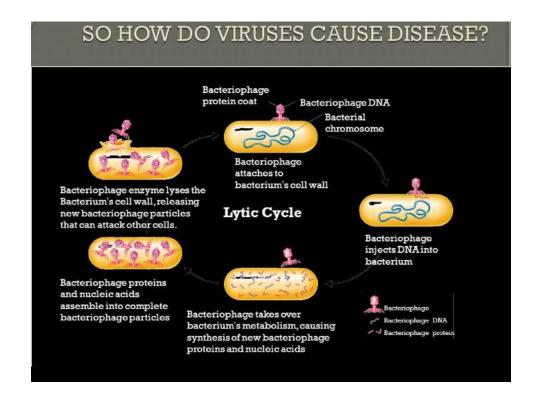


E coli bacteria









Herpes simplex eye infections

Herpes simplex eye infections are a potentially serious type of eye infection.

They're caused by a virus called herpes simplex – usually the herpes simplex virus type 1 (HSV-1), which also causes <u>cold sores</u>.

It's important to get medical help if you think you may have the infection, as your vision could be at risk if it's not treated.

Symptoms of a herpes simplex eye infection

Symptoms of a herpes simplex eye infection can include:

- •a red eye
- •eye pain
- swelling around the eye
- sensitivity to bright light
- •a watering eye
- blurred vision

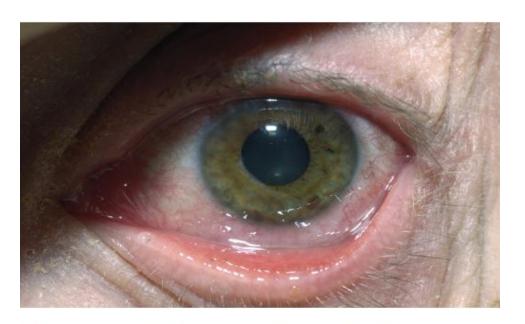
Usually only 1 eye is affected.

Treatments for herpes simplex eye infections

Most herpes simplex eye infections get better in 1 to 2 weeks, although they can last longer. Treatment is usually needed to reduce the risk of complications.

The main treatments are:

- •antiviral eyedrops or ointment; day for up to 2 weeks
- steroid eyedrops
- antiviral tablets



Symptoms of a herpes simplex eye infection can include a red eye and swelling around the eye

Thank you for your attention

