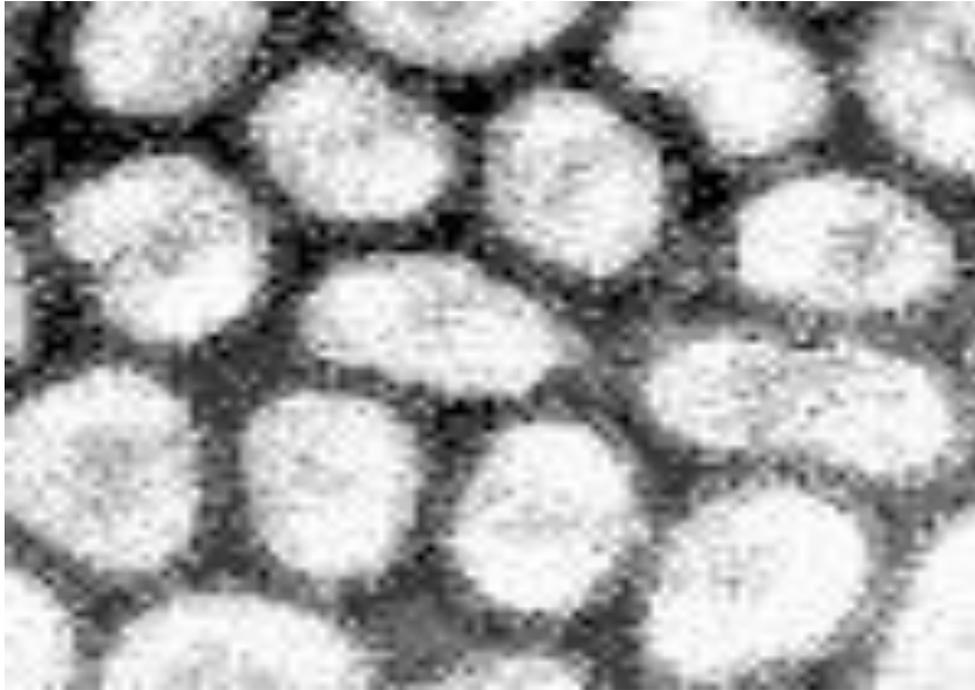


Virology laboratory

هذي المذكرة للفايرو لاب للإختبار من الدكتور محمد عارف
عبارة عن ٣ ستيشن .. مع أسئلتها وأجوبتها

Done by / Mohammed Al-Harbi

[Stage 1]



1- Name the virus ?

✓ Influenza virus

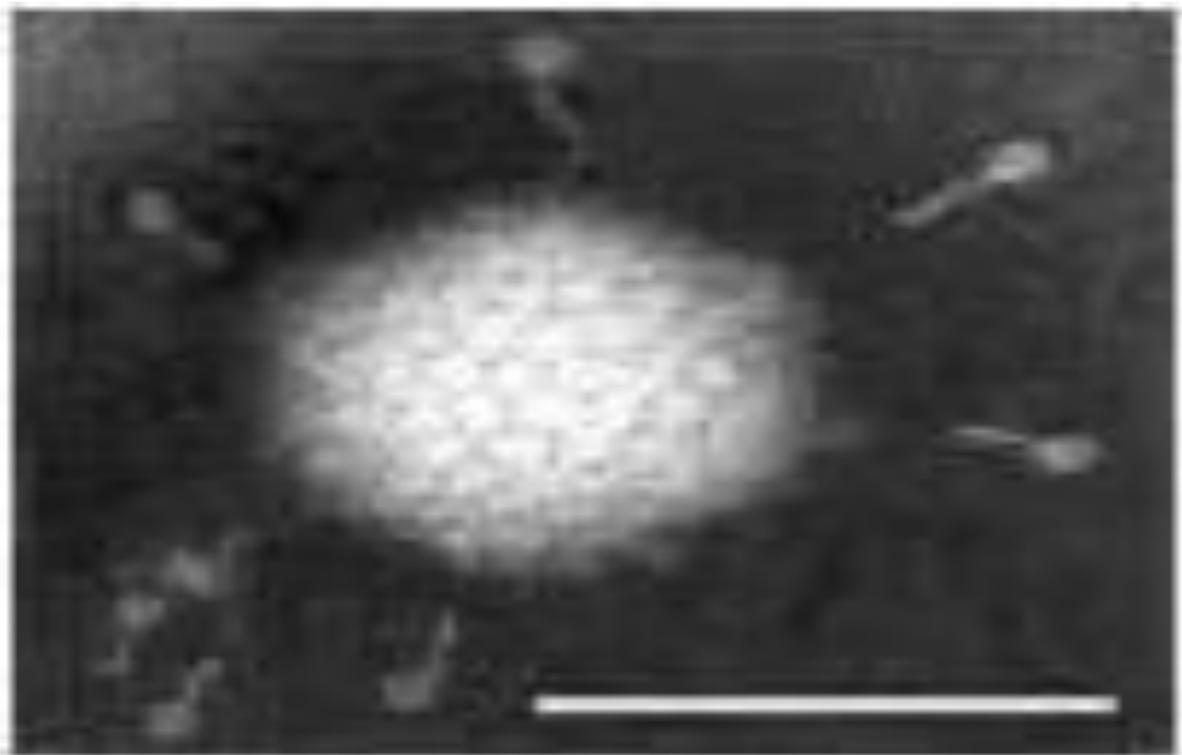
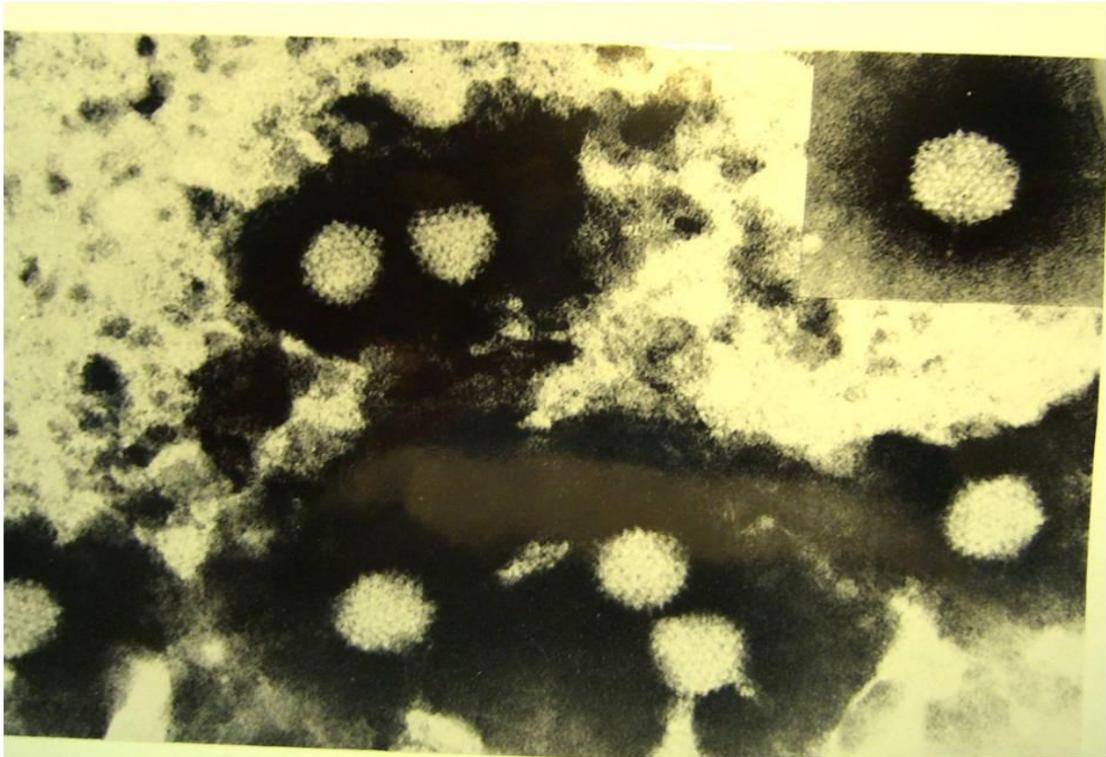
2-Describe its structure?

- ✓ Pleomorphic
- ✓ Enveloped with helical nucleocapsid
- ✓ Two glycoprotein spikes, the hemagglutinine(HA) and the neuraminidase (N A)
- ✓ The viral genome consists of 7 - 8 segments of ss-RNA (negative polarity).

3-Name one disease caused by this virus ?

✓ pneumonia

[Stage 2]



1-Name the virus?

- ✓ **Adenoviruses**

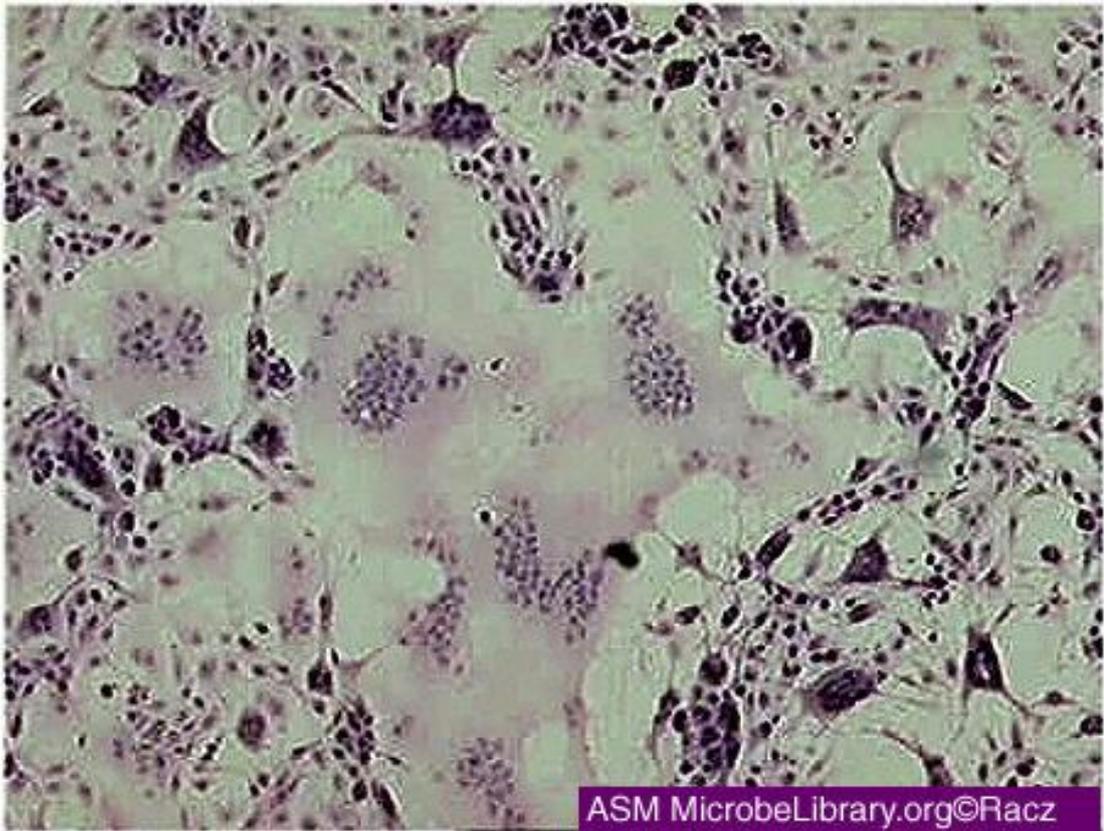
2-Describe its structure?

- ✓ **Icosahedral**
- ✓ **Unenveloped (naked) .**
- ✓ **One spike (fiber) at each vertex.**
- ✓ **The viral genome is linear DS-DNA.**

3-Name one disease caused by this virus?

- ✓ **Acute respiratory diseases.**
 - ✓ **Gastroenteritis.**
 - ✓ **Meningitis.**
- (احفظ مرض واحد بس)

[Stage 3]



1- Name the CPE (Cytopathic effect) ?

✓ **Multi-nucleated giant cell**

2- Name a virus causing this CPE ?

✓ **RSV (Respiratory syncytial virus)**

✓ **CMV**