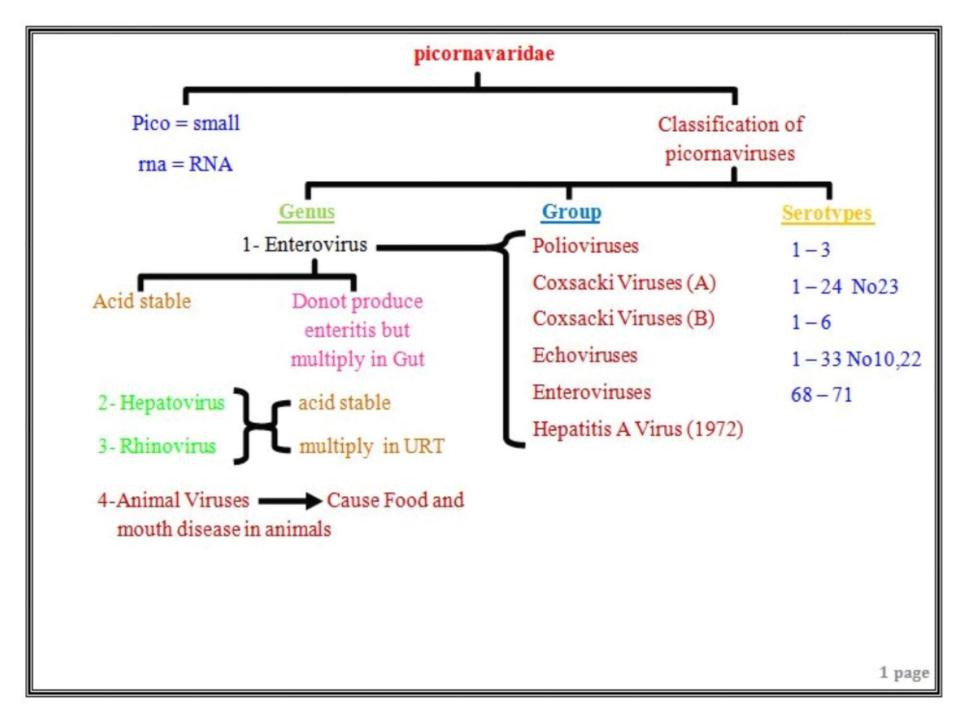
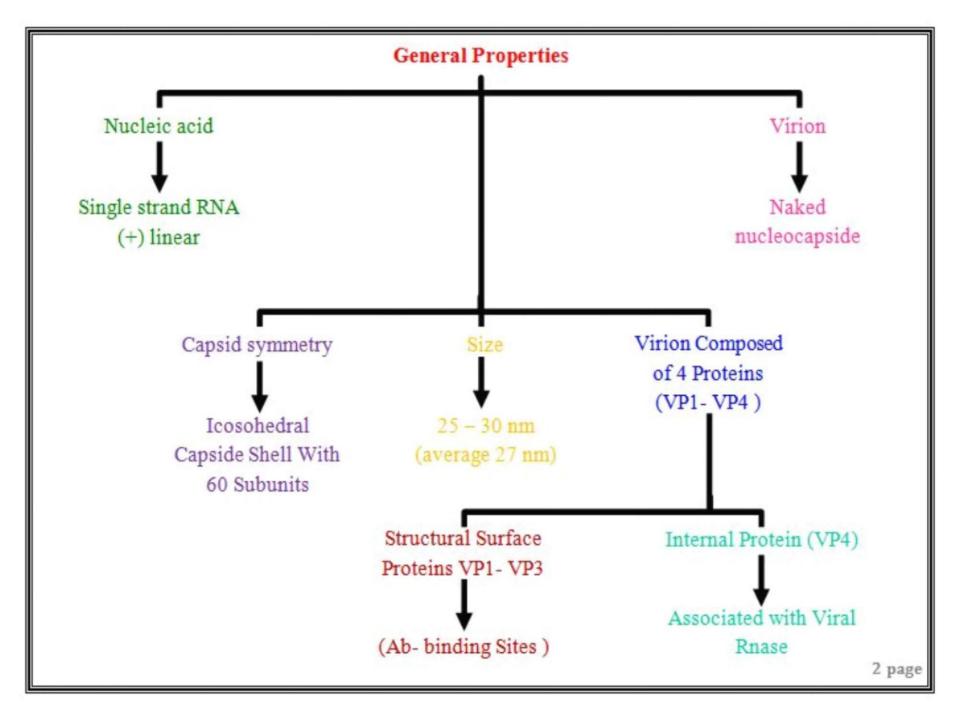
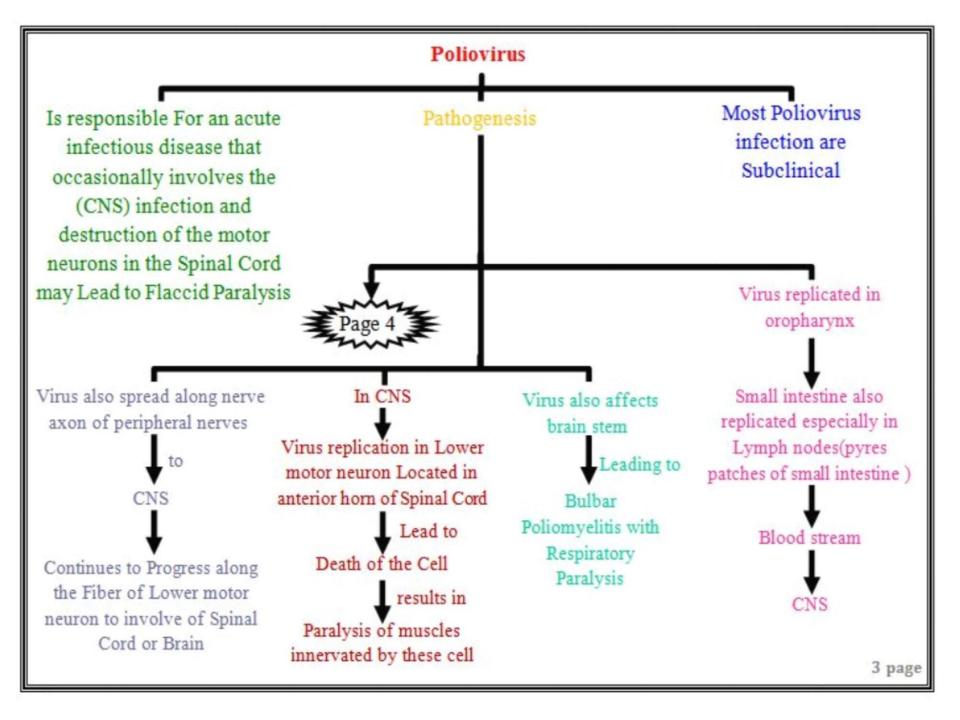
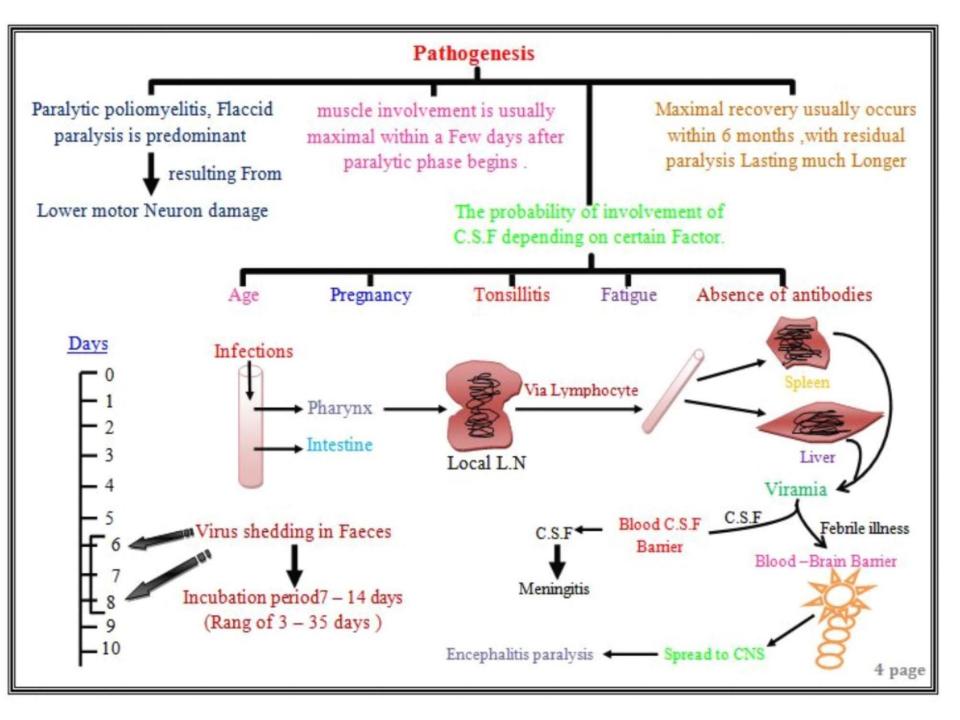
Professor Dr. Mothana Ali Khalil. Medical Virology

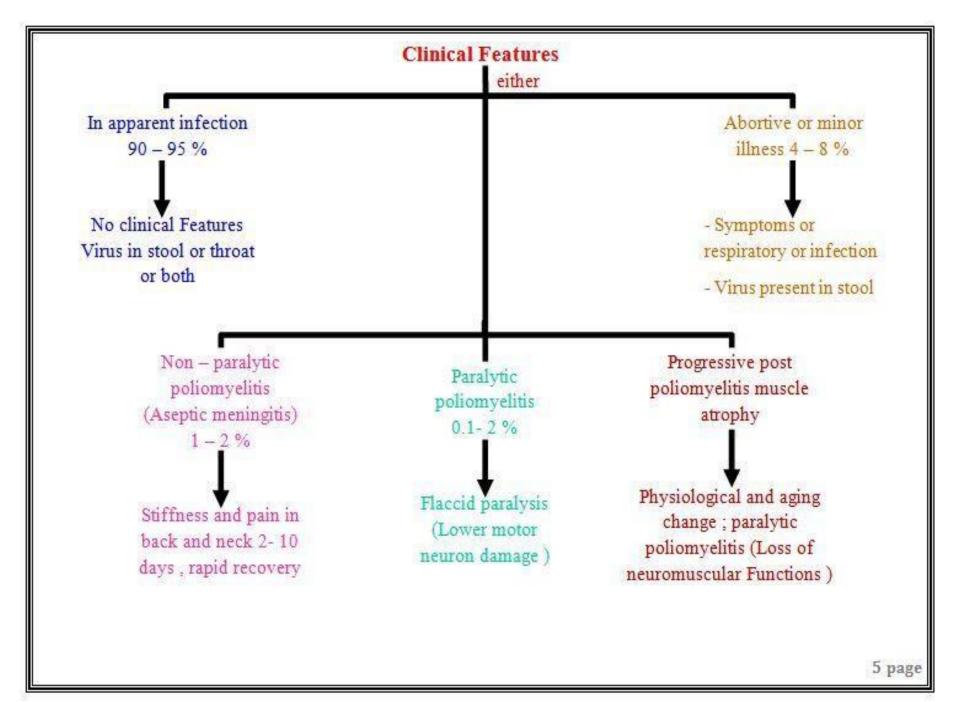
PICORANAVARIDAE

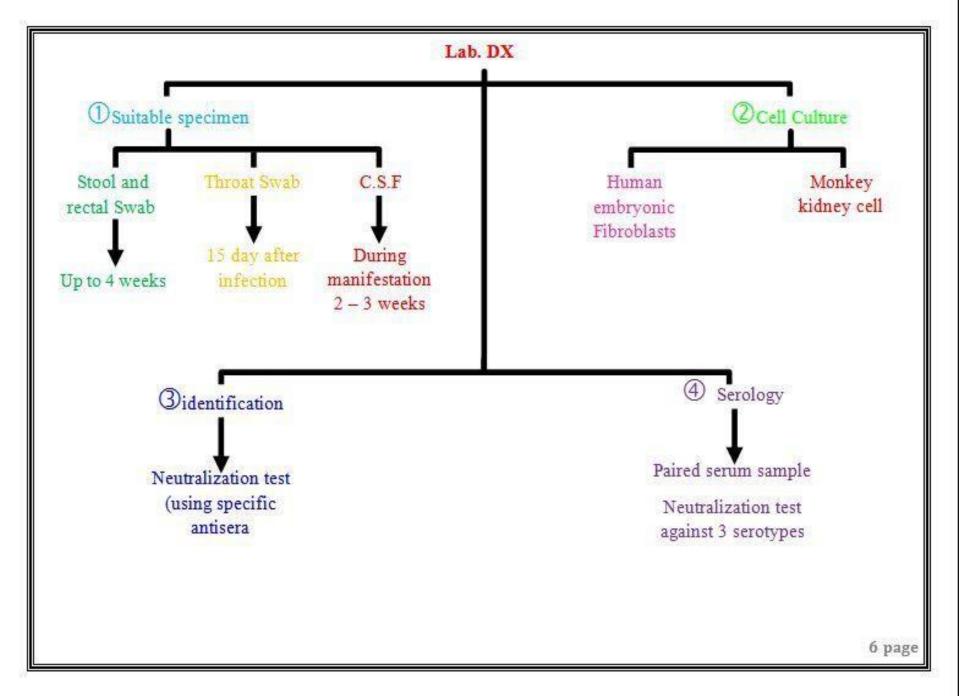


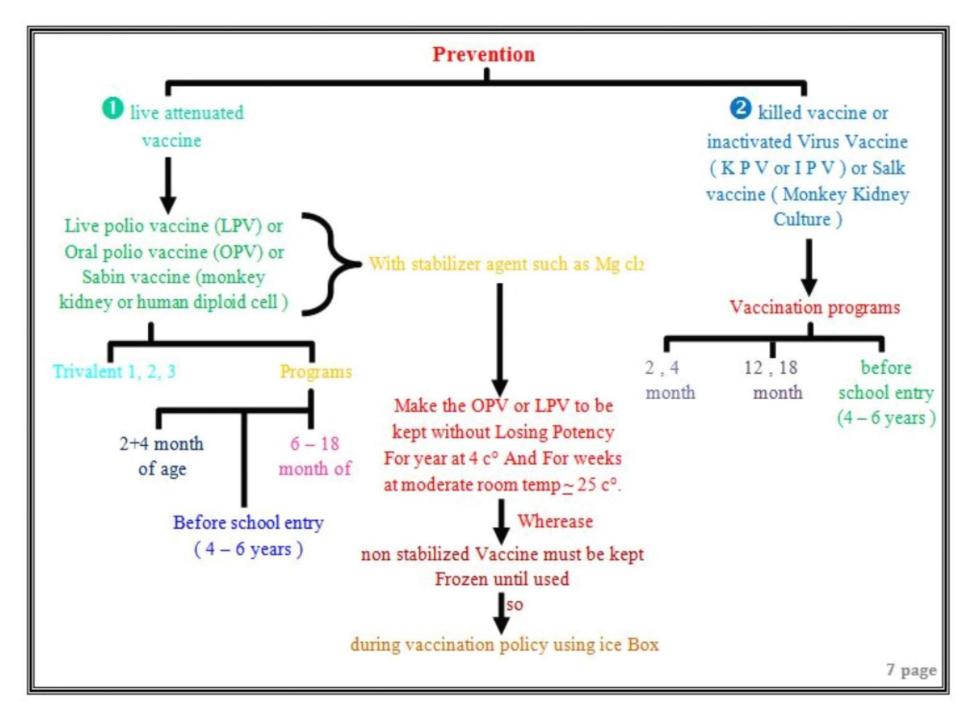


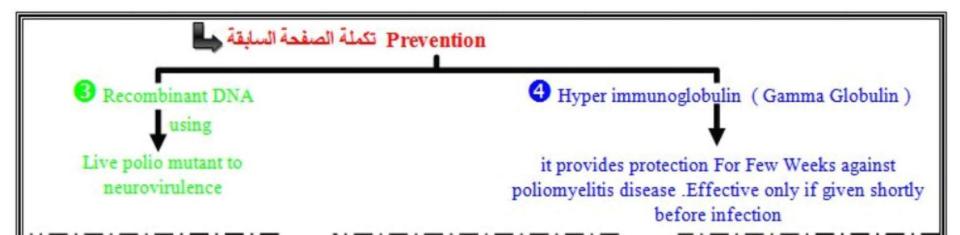












Important Features of polio Virus Vaccine

Attribute	Killed (Salk)	Live (Sabin)
- Rout of administration	Injection	oral
-prevents disease	Yes	yes
- interrupts transmission	No	yes
- induce humoral IgG	Yes	yes
- induce intestinal IgA	- No	yes
- interferes with replication of a virulent	- No	yes
viruses in gut		
- Can cause disease ICP in pregnancy	- No	yes
- Reverts to virulence	- No	yes
- Requires Refrigerator	- No	yes
- Duration of immunity	- Shorter	Longer
- Cost	- high	Low

The table mention above refere to advantages and disadvantages of polio virus vaccines

