

MVI Boot Camp Module 3: Polio, Part 1

Quiz questions:

1. The poliovirus is a member of the Enterovirus group of viruses
2. The most common type of polio infection was asymptomatic
3. Paralytic polio was very common in the 1950s
4. Bulbar-type AFP was the least serious type of infection
5. Polio is not a synonym for paralysis
6. The aftermath of an episode of AFP, >50% completely recover
7. In Third World Countries, limb deformity is almost always caused by a poliovirus infection
8. The first mechanical breathing devices were in use in the 1830s
9. Iron lung machines work by blowing air into the lungs to help people breath
10. The exact number of iron lung machines that were manufactured is unknown, but in 1946, the National Foundation for Infantile Paralysis listed around 1200 in use
11. By 1959, nearly all of the available iron lung machines were in use by the 1,200 people who still relied on them.
12. The first Salk vaccine was released in 1955 on FDR's birthday
13. The injectable polio vaccine contains mercury
14. The injectable polio vaccine contains monkey and cow cells

- 15.** Dr. Betty Eddy, tried to stop the release of polio vaccine that contained live viruses
- 16.** Dr. Betty Eddy found the VERO cell serum contained tumor-causing SV40 viruses.
- 17.** Contaminated vaccines were released only by Cutter Pharmaceutical, sickening at least 40,000 children; 164 were permanently paralyzed and between 10 and 12 children died.
- 18.** The Fraumani Study found no association between polio vaccines and an increased incidence of cancer.
- 19.** The Fraumani Study had an impeccable design and the results cannot be disputed.
- 20.** SV 40 is a known oncogenic DNA virus
- 21.** SV40 has been a risk factor for brain and bone cancers, and for non-Hodgkins lymphoma.
- 22.** DDT, BHC, lead and arsenic were the most commonly used insecticides and pesticides in the 1940s and 1950s.
- 23.** Rachel Carson's, Silent Spring, showed the harm than can be done by using indiscriminant use of pesticides.