

Smallpox vaccination reactions NYCBOH Strain (DRYVAX) in military

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June 2005
Tokyo

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Smallpox Vaccination (DRYVAX) Military experience*

- Total screened 757,000
- Total vaccinated 708,500 (94%)
 - Post-vaccinal encephalitis 1
 - Progressive vaccinia 0
 - Eczema vaccinatum 0
- Infection in contacts 49
- Doses of VIG used 3
 - As of 1 December 2004

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Vaccine Studies

- Myocarditis and/or pericarditis cases were seen following smallpox vaccination.
- ECG and cardiac enzymes were used as screening tools to identify such cases. Cases had few symptoms and were probably missed in 1960s.

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Smallpox Vaccination (DRYVAX) Cardiac complications -- military

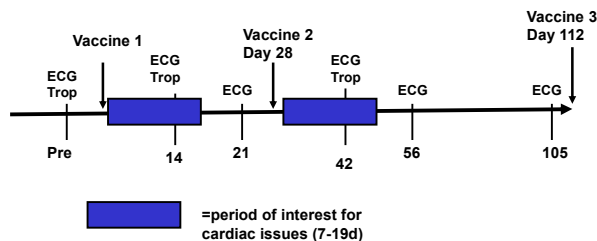
- Myopericarditis 84
 - Onset: 7 to 19 days
 - Fever, chest pain, EKG changes, cardiac enzymes increased
 - Follow-up of 64 – Normal echocardiograms
Normal treadmill tests
- Incidence = 12 cases per 100,000
- Normal no.= 1 to 10 cases per 100,000 per year

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Protocol ECG and Cardiac Enzyme Sampling

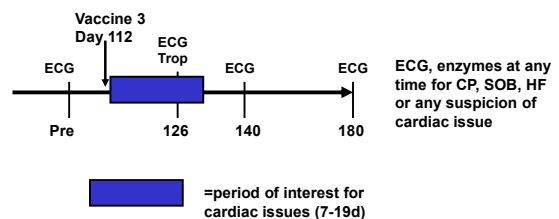


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Protocol ECG and Cardiac Enzyme Sampling (Continued)



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