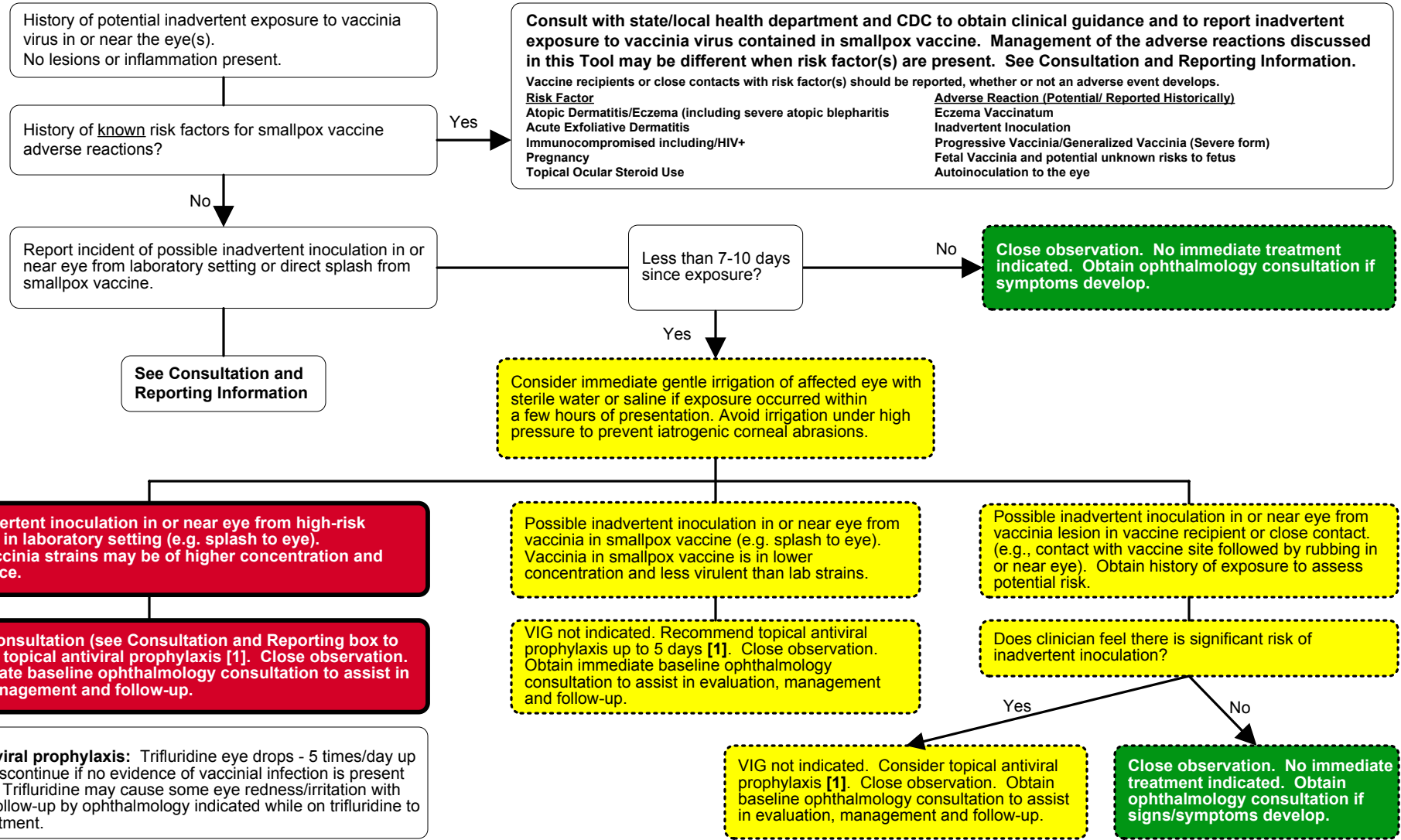


# Clinical Evaluation Tool for Smallpox Vaccine Adverse Reactions

## Ophthalmologic Reactions / Eye Splash or Other Potential Exposure to Vaccinia Virus

[www.bt.cdc.gov/agent/smallpox/vaccination/clineval](http://www.bt.cdc.gov/agent/smallpox/vaccination/clineval) (01-19-2011 Version)



**Possible inadvertent inoculation in or near eye from high-risk vaccinia strain in laboratory setting (e.g. splash to eye). Laboratory vaccinia strains may be of higher concentration and greater virulence.**

**Request VIG consultation (see Consultation and Reporting box to obtain). Begin topical antiviral prophylaxis [1]. Close observation. Obtain immediate baseline ophthalmology consultation to assist in evaluation, management and follow-up.**

**Footnote:**  
**1. Topical antiviral prophylaxis:** Trifluridine eye drops - 5 times/day up to 5 days. Discontinue if no evidence of vaccinia infection is present after 5 days. Trifluridine may cause some eye redness/irritation with use. Close follow-up by ophthalmology indicated while on trifluridine to evaluate treatment.

**Consultation and Reporting Information**  
Civilian health care providers who need clinical consultation with or without release of vaccinia immune globulin (VIG) (first line agent) or cidofovir (second line agent) for potential smallpox vaccine adverse reactions should contact their state/ local health department or the CDCINFO Information Line at (800) 232-4636. Military health care providers (or civilian providers treating a DoD healthcare beneficiary) requesting clinical consultation should call (866) 210-6469, and if requesting VIG release should call (888) USA-RIID or (301) 619-2257. Health care providers should report smallpox vaccine adverse events to their state/ local health department and to the Vaccine Adverse Event Reporting System (VAERS) at <http://www.vaers.org/> or (800) 822-7967.

Please call (888) 246-2675 (Español (888) 246-2857, TTY (866) 874-2646) or visit <http://www.bt.cdc.gov/agent/smallpox/index.asp> for general public information about smallpox vaccination. Persons experiencing urgent or life-threatening medical events should seek immediate medical assistance.

**Disclaimer** The CDC and its partners in the Clinical Immunization Safety Assessment (CISA) network have developed Clinical Evaluation Tools to help health care providers manage patients with potential adverse reactions from smallpox vaccination in the absence of circulating smallpox virus (pre-event setting). These Tools are based on studies conducted before routine US childhood smallpox vaccination was discontinued in 1972 and on expert opinion; they are not entirely evidence-based. The Tools may not apply to all patients with smallpox vaccine adverse reactions and are not intended to substitute for evaluation by a trained clinician. This Tool was last updated on 1-19-11. Please direct feedback on these Tools to [spoxtool@cdc.gov](mailto:spoxtool@cdc.gov).