American Association of Zoo Veterinarians Infectious Disease Committee Manual 2013

SIMIAN FOAMY VIRUS

<table>
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<tr>
<th>Animal Group(s) Affected</th>
<th>Transmission</th>
<th>Clinical Signs</th>
<th>Severity</th>
<th>Treatment</th>
<th>Prevention and Control</th>
<th>Zoonotic</th>
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<tbody>
<tr>
<td>Found in most non-human primates</td>
<td>Horizontal through contact with saliva</td>
<td>Not known to cause disease</td>
<td>Not known to cause disease</td>
<td>None</td>
<td>Life-long infection</td>
<td>Yes</td>
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</table>

Fact Sheet compiled by: Sam Rivera; updated by Natalie Mylniczenko

Sheet completed on: 1 June 2011, updated 9 September 2013

Fact Sheet Reviewed by: William Switzer; Karen Strait

Susceptible animal groups: All species of non-human primates are susceptible.

Causative organism: Simian foamy virus (SFV) in Genus *Spumavirus*.

Zoonotic potential: Yes

Distribution: Worldwide distribution in wild and captive non-human primate populations.

Incubation period: Unknown

Clinical signs: None reported, considered to be ‘medically insignificant’.

Post mortem, gross, or histologic findings: No known pathology is associated with SFV infection. Co-infection with SIV may increase SIV-related disease progression.

Diagnosis: Serology (ELISA and WB for confirmation), PCR, and virus isolation can be used.

Material required for laboratory analysis: Whole blood, serum/plasma, body fluids, and tissues.

Relevant diagnostic laboratories:
Pathogen Detection Laboratory
California National Primate Research Center
University of California
Road 98 & Hutchison
Davis, California 95616
(530) 752-8242
Fax: (530) 752-4816
PDL@primate.ucdavis.edu

VRL-San Antonio
P.O. Box 40100
7540 Louis Pasteur, Suite 200
San Antonio, Texas 78229
877-615-7275
Fax: 210-615-7771

Zoologix Inc.
9811 Owensmouth Avenue, Suite 4
Chatsworth, California 91311-3800
818-717-8880
Fax: 818-717-8881
info@zoologix.com
zoologix.com/primate/index.htm

Treatment: None is reported.
**Prevention and control:** Infection is ubiquitous in non-human primates.

**Suggested disinfectant for housing facilities:** 70% ethanol, formalin, 10% household bleach (sodium hypochlorite), Lysol, and most lipophylic detergents.

**Notification:** None at this time.

**Measures required under the Animal Disease Surveillance Plan:** None at this time.

**Measures required for introducing animals to infected animal:** Seroconversion of naïve animals is possible with exposure.

**Conditions for restoring disease-free status after an outbreak:** Life-long infection so no changes can be made to restore disease-free status.

**Experts who may be consulted:**
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**References:**