



## ADENOVIROSES

ANIMAL GROUP AFFECTED	TRANSMISSION	CLINICAL SIGNS	FATAL DISEASE ?	TREATMENT	PREVENTION & CONTROL
Cercopitheci -dae, Pongidae, Scandentia	Probably contact (aerogenous)	Mostly asymptomatic, occasionally coughing, sneezing, nasal discharge. In newborns or immunosuppressed animals fatal pneumonias; bloody diarrhea in necrotizing pancreatitis	Yes in newborns and immunodeficient animals	None	<i>In houses</i>  <i>in zoos</i>

<b>Fact sheet compiled by</b> Manfred Brack, formerly German Primate Center, Göttingen / Germany.	<b>Last update</b> 22.11.2008
<b>Susceptible animal groups</b> Old World monkeys and apes, <i>Tupaia belangeri</i> . ; SIV-infected monkeys.	
<b>Causative organism</b> Adenoviruses : SV 1, 11, 15, 20, 23, 32, 33, 34, 37, 38, 39 ; SA 7, V 340, Pan 5, 6, 7, 9, 11, CV 33, 68.	
<b>Zoonotic potential</b> None.	
<b>Distribution</b> In captive colonies World – wide.	
<b>Transmission</b> Probably contact (aerogenous).	
<b>Incubation period</b>	
<b>Clinical symptoms</b> Mostly none, occasionally coughing, sneezing, purulent nasal discharge, conjunctivitis. Fatal pneumonias particularly in newborn monkeys raised in incubators. In necrotizing pancreatitis : bloody diarrhea.	
<b>Post mortem findings</b> Inclusion body pneumonias, acute necrotizing pancreatitis, acute necrotizing hepatitis	
<b>Diagnosis</b> Virology : tissue culture, PCR, electron microscopy.	
<b>Material required for laboratory analysis</b> Tissues, serum.	
<b>Relevant diagnostic laboratories</b>  1. Virus Reference Laboratories, Inc. 7540 Louis Pasteur Road San Antonio. Tx , 78229, USA Tel.: (210) 614 – 7350 Fax: (210) 614 – 7355  2. Konsiliarlaboratorium für Adenoviren, Institut für Virologie der Medizinischen Hochschule Hannover Carl-Neuberg-Straße 1 D 30625 HANNOVER	



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**Treatment**

None.

**Prevention and control in zoos****Suggested disinfectant for housing facilities****Notification****Guarantees required under EU Legislation****Guarantees required by EAZA Zoos****Measures required under the Animal Disease Surveillance Plan****Measures required for introducing animals from non-approved sources****Measures to be taken in case of disease outbreak or positive laboratory findings****Conditions for restoring disease-free status after an outbreak****Experts who may be consulted****References**

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