



YABA - VIRUS

ANIMAL GROUP AFFECTED	TRANSMISSION	CLINICAL SIGNS	FATAL DISEASE ?	TREATMENT	PREVENTION & CONTROL
Macaques, baboons, man	Unknown, arthropod vectors suspected	Subcutaneous pseudotumors	No	None	<i>In houses</i> <i>in zoos</i> None

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Susceptible animal groups <i>Macaca mulatta</i> , <i>M.fascicularis</i> , <i>M.speciosa</i> , <i>Papio anubis</i> .	
Causative organism Yaba virus: unclassified poxvirus, most closely related to swinepox virus.	
Zoonotic potential Yes.	
Distribution Africa.	
Transmission Unknown, arthropod vectors suspected. In man also accidental puncture wounds.	
Incubation period 5 – 7 days.	
Clinical symptoms In macaques / baboons: rapid development of small, reddened papules, subcutaneous nodules or masses, which spontaneously regress 6 weeks later. Preferential sites: extremities and face. In man: 5 – 7 days p.i. slowly growing nodules up to 2 cm in diameter particularly at hands and feet, regional lymphadenopathy. Spontaneous disappearance within a few weeks.	
Post mortem findings Histiocytoma-like pseudotumors.	
Diagnosis Virology: tissue culture, immunohistochemistry. Serology: CF-tests.	
Material required for laboratory analysis Skin lesions, serum.	
Relevant diagnostic laboratories	
Treatment None.	
Prevention and control in zoos None.	
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 <ol style="list-style-type: none">1. Amano, H., Y. Ueda, and T Miyamura. 1995. Identification and characterization of the thymidine kinase gene of Yaba virus. <i>J. Gen. Virol.</i> 76: 1109 – 1115.2. Brack, M. 1987. <i>Agents Transmissible from Simians to Man.</i> Springer, Berlin3. Walker, D. H., F. A. Voelker, A. E. McKee, jr., and J. H. Nakano. 1985. Diagnostic exercise: Tumors in a baboon. <i>Lab. Anim. Sci.</i> 35: 627 – 628.4. Whittacker, D., and R. Glaister. 1985. A Yaba - like condition in a young baboon (<i>Papio anubis</i>). <i>Lab. Anim.</i> 19: 177 – 179.