



TANAPOX (Yaba – like-, OrTeCa)- VIRUS

ANIMAL GROUP AFFECTED	TRANSMISSION	CLINICAL SIGNS	FATAL DISEASE ?	TREATMENT	PREVENTION & CONTROL
Macaques Man Red colobusses	Unknown	Cutaneous pseudotumors	No	None	<i>In houses</i> None <i>in zoos</i> none

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Susceptible animal groups <i>Macaca mulatta, M.nemestrina, M.fuscata, Cynopithecus niger, Procolobus rufomitratu s tephrosceles.</i> 264 lab confirmed cases in man in northern Zaire between 1979 and 1985.	
Causative organism Unclassified poxvirus , related to, but different from Yaba – virus.	
Zoonotic potential Yes.	
Distribution Zaire.	
Transmission Unknown.	
Incubation period 4 – 5 days.	
Clinical symptoms In macaques : reddened papules (face, chest, perineum, anus), developing into flat, firm elevations, becoming umbilicated and crusted. Man: two-stage illness: 1. pre – eruptive stage: fever for 2 – 4 days; 2. eruptive stage: itching, macule formation, developing into dark papules, preferentially at the lower parts of the body.	
Post mortem findings Acanthosis and ballooning degeneration of prickly cells, eosinophilic cytoplasmic inclusion bodies.	
Diagnosis Virology: tissue culture; Serology: CF-, CFI tests, ELISA;neutralization (Cross reacting with Yaba – virus), real – time PCR	
Material required for laboratory analysis Skin lesions.	
Relevant diagnostic laboratories	
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 <ol style="list-style-type: none">1. Brack, M. 1987. Agents Transmissible from Simians to Man. Springer, Berlin.2. Goldberg, T. L., C. A. Chapman, K. Cameron, T. Saj, W. B. Karesh, N. D. Wolfe, S. W. Wong, M. E. Dubois, and M. K. Slifka (2008). Serologic evidence for novel poxvirus in endangered red colobus monkeys, western Uganda. <i>Emerg. Infect. Dis.</i> 14 : 801 – 803.3. Jezek, Z., I. Arita, M. Szczeniowski, K. M. Paluku, K. Ruti, and J. H. Nakano. 1985. Human tanapox in Zaire : Clinical and epidemiological observations on cases confirmed by laboratory studies. <i>Bull. World Health Org.</i> 63: 1027 – 1035.4. Knight, J. C., F. J. Novembre, D. R. Brown, C. S. Goldsmith, and J. J. Esposito : Studies on tanapox virus. <i>Virology</i> 172: 116 – 124.5. Zimmermann, P., I. Thorsdsen, D. Frangoulidis, and H. Meyer. 2005. Real – time PCR assay for the detection of tanapox virus and yaba – like disease virus. <i>J. Virol. Meth.</i> 130 : 149 – 153.