gene sequence and multilocus sequence analysis. It is also possible that the isolates are a *M. yongonense* strain that preceded the acquisition of the *rpoB* gene but that are not the same as the initially described *M. yongonense*.

Sung Kuk Hong and Eui-Chong Kim

Author affiliation: Seoul National University Hospital, Seoul, South Korea

DOI: http://dx.doi.org/10.3201/eid2006.131508

References

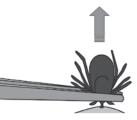
- Tortoli E, Mariottini A, Pierotti P, Simonetti TM, Rossolini GM. Mycobacterium yongonense in pulmonary disease, Italy [letter]. Emerg Infect Dis. 2013;19:1902–4. http://dx.doi.org/ 10.3201/eid1911.130911
- 2. Kim BJ, Math RK, Jeon CO, Yu HK, Park YG, Kook YH, et al. *Mycobacterium*

- yongonense sp. nov., a slow-growing non-chromogenic species closely related to *Mycobacterium intracellulare*. Int J Syst Evol Microbiol. 2013;63:192–9. http://dx.doi.org/10.1099/ijs.0.037465-0
- Kim BJ, Hong SH, Kook YH, Kim BJ. Molecular evidence of lateral gene transfer in *rpoB* gene of *Mycobacterium yongonense* strains via multilocus sequence analysis. PLoS ONE. 2013;8:e51846. http://dx.doi.org/10.1371/journal.pone.0051846
- Macheras E, Roux AL, Bastian S, Leao SC, Palaci M, Sivadon-Tardy V, et al. Multilocus sequence analysis and rpoB sequencing of Mycobacterium abscessus (sensu lato) strains. J Clin Microbiol. 2011;49:491–9. http://dx.doi. org/10.1128/JCM.01274-10

Address for correspondence: Sung Kuk Hong, Department of Laboratory Medicine, Seoul National University College of Medicine, 101 Daehak-ro, Jongno-gu, Seoul 110-744, South Korea; email: trust99@snu.ac.kr

How to Correctly Remove a Tick

Grasp the tick firmly and as closely to the skin as possible. With a steady motion, pull the tick's body away from the skin. Do not be alarmed if the tick's mouthparts remain in the skin. Cleanse the area with an antiseptic.



For more information please contact: Centers for Disease Control and Prevention 1600 Clifton Road NE, Atlanta, GA 30333 Telephone: 1-800-CDC-INFO (232-4636)

TTY: 1-888-232-63548 Web: www.cdc.gov/Lyme

etymologia

Zika Virus

Zika [zēk' ə] Virus

Zika virus is a mosquito-borne positive-sense, single-stranded RNA virus in the family *Flaviviridae*, genus *Flavivirus* that causes a mild, acute febrile illness similar to dengue. In 1947, scientists researching yellow fever placed a rhesus macaque in a cage in the Zika Forest (*zika* meaning "overgrown" in the Luganda language), near the East African Virus Research Institute in Entebbe, Uganda. A fever developed in the monkey, and researchers

isolated from its serum a transmissible agent that was first described as Zika virus in 1952. It was subsequently isolated from a human in Nigeria in 1954. From its discovery until 2007, confirmed cases of Zika virus infection from Africa and Southeast Asia were rare. In 2007, however, a major epidemic occurred in Yap Island, Micronesia. More recently, epidemics have occurred in Polynesia, Easter Island, the Cook Islands, and New Caledonia.

Sources

- Dick GW, Kitchen SF, Haddow AJ. Zika virus.
 I. Isolations and serological specificity. Trans R Soc Trop Med Hyg. 1952;46:509–20. http://dx.doi.org/10.1016/0035-9203(52)90042-4
- Hayes EB. Zika virus outside Africa. Emerg Infect Dis. 2009; 15:1347–50. http://dx.doi.org/10.3201/eid1509.090442
- MacNamara FN. Zika virus: a report on three cases of human infection during an epidemic of jaundice in Nigeria. Trans R Soc Trop Med Hyg. 1954;48:139–45. http:// dx.doi.org/10.1016/0035-9203(54)90006-1
- Murphy JD. Luganda–English dictionary. Washington (DC): The Catholic University of America Press; 1972.

Address for correspondence: Ronnie Henry, Centers for Disease Control and Prevention, 1600 Clifton Rd NE, Mailstop E03, Atlanta, GA 30333, USA; email: boq3@cdc.gov

DOI: http://dx.doi.org/10.3201/eid2006.ET2006