
Address for correspondence: Ruwan Ratnayake, International Rescue Committee, 122 E 42nd St, New York, NY 10168, USA; email: ruwan.ratnayake@rescue.org; Sam Crowe, Centers for Disease Control and Prevention, 1600 Clifton Rd NE, Mailstop A38, Atlanta, GA 30329-4027, USA; email: yeo2@cdc.gov

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Dracunculus medinensis [dra-kung'ku-las med-in'en-sis]

Also known as Guinea worm for its formerly high prevalence along the Gulf of Guinea, Dracunculus medinensis (“little dragon from Medina”) is a parasitic nematode that infects humans and domestic animals through contaminated water. D. medinensis was described in Egypt as early as the 15th century BCE and may have been the “fiery serpent” of the Israelites described in the Bible.

Guinea worm disease was once a substantial cause of illness in tropical and subtropical Africa and Asia, but cases declined as water sanitation improved in the 19th century. In 1986, the World Health Organization resolved to eradicate the parasite, and in 2015, due in large part to the work of the Carter Center, led by former Centers for Disease Control and Prevention Deputy Director Donald R. Hopkins, there were only 22 cases in 4 countries (Chad, Ethiopia, Mali, and South Sudan).

Sources

Address for correspondence: Ronnie Henry, Centers for Disease Control and Prevention, 1600 Clifton Rd NE, Mailstop E03, Atlanta, GA 30329-4027, USA; email: boq3@cdc.gov

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