



Ref : CERMA2011/E3

## **Laboratory confirmed case of yaws in a 10 year-old boy from the Republic of the Congo**

Allan Pillay<sup>a</sup>, Cheng-Yen Chen<sup>a</sup>, Mary G. Reynolds<sup>b</sup>, Jean V. Mombouli<sup>c</sup>, Arnold C. Castro<sup>a</sup>, Davy Louvouezo<sup>d</sup>, Bret Steiner<sup>a</sup> and Ronald C. Ballard<sup>a</sup>

<sup>a</sup> Laboratory Reference and Research Branch, Division of Sexually Transmitted Diseases Prevention, NCHHSTP, Centers for Disease Control and Prevention, Atlanta, Georgia

<sup>b</sup> Poxvirus and Rabies Branch, Division of High-consequence Pathogens and Pathology, Centers for Disease Control and Prevention, Atlanta, Georgia

<sup>c</sup> Virology Section, National Laboratory, Brazzaville, Republic of the Congo.

<sup>d</sup> Centre d'Etude et de Recherche Médecins d'Afrique (CERMA), B.P. 45, Brazzaville, Congo.

**J. Clin. Microbiol. doi:10.1128/JCM.01121-11, epub 14 sept 2011**

### **Abstract**

We report a case of yaws in a patient with puritic cutaneous eruption who was initially suspected of infection with monkeypox. The diagnosis was established by real-time PCR and sequencing of specific treponemal DNA sequences. This is the first report describing the use of DNA sequencing to identify *T. pallidum* subsp. *pertenue*-specific sequences in a patient with active yaws.

### **Keywords:**

*yaws, monkeypox, Congo, Treponema pallidum*