

It is not certain that the increase of hospital admissions in recent years represents a true doubling in the occurrence of Lyme borreliosis, as a new guideline concerning diagnosis and treatment of Lyme disease was published in mid-2003. This guideline encouraged treatment of severe Lyme borreliosis with intravenous antibiotics, which are usually administered in hospital. Analyses of the role of and changes in ecological risk factors and outdoor recreation, between regions and years, are forthcoming.

Lyme borreliosis appears to be an increasingly important healthcare problem in the

Netherlands. Another study, carried out in the Netherlands between 2000 and 2004, demonstrated that between 0.8% and 11% of the collected ticks were contaminated with Borrelia burgdorferi sensu lato, varying between years and types of vegetation. Contamination of ticks with other pathogens like Anaplasma / Ehrlichia (1%-15%), Rickettsia (5%-60%\*), and Babesia (0%-1%) was also found [1]. A prospective study in sentinel general practices to determine the regional differences in the level of infection of ticks removed from patients for different tick-borne pathogens is planned for 2007. Serological tests will also be performed for erythema migrans cases seen at these general practices and their clinical outcome will be observed.

To increase awareness about the severity, diagnosis and treatment of Lyme disease, the results of the GP surveys in 1994, 2001 and 2005 were communicated to all general practitioners in the Netherlands. This information was also sent to municipal health centres, with extra information about the availability of our new brochure about ticks and Lyme disease. In 2002 and 2006, the RIVM issued a press release to alert the public about the increase in erythema migrans case-patients, which received much media attention [2]. Both press releases referred to the fact sheets and questions and answers on the RIVM website.

\*Correction. This was corrected from '45%-60%' to '5%-60%' on 26 June 2006 Eurosurveillance editorial office, 26 June 2006.

References:

- Borgsteede FHM, Gaasenbeek C, de Boer A, Dijkstra J, Jagers op Akkerhuis G, Dimmers w, et al. Het verloop van tekenpopulaties en de besmetting met Borrelia en Ehrlichia, rapportnummer ASG 06/II00015/mak. Lelystad: Animal Sciences Group WUR; 2006. [in Dutch] (http://www.asg.wur.nl /NR/rdonlyres/5D0117E1-72EE-42F8-A6D2-5A1899A23716/23387 /Tekenpopulatiesenhunbesmetting.pdf)
  RIVM. Ziekte van Lyme neemt toe. Press release, 27 April 2006. [in Dutch] (http://www.rivm.nl /persberichten/2006/toenameziektevanlyme.jsp)

back to top

Next

Back to Table of Contents Previous

## To top | Necommend this page

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2 of 2