

Literaturverzeichnis

zum Artikel „Klinik, Diagnostik und Therapie der Lyme-Borreliose“,

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von Dr. Fingerle, Professor Dr. Dr. Sing, Dr. Hautmann, Professor Dr. Liebl,

Professor Dr. Wildner

1. Stanek, G., and Reiter, M. 2011. The expanding Lyme Borrelia complex-clinical significance of genomic species? *Clin Microbiol Infect* 17:487-493.
2. Muller, I., Freitag, M.H., Poggensee, G., Scharnitzky, E., Straube, E., Schoerner, C., Hlobil, H., Hagedorn, H.J., Stanek, G., Schubert-Unkmeir, A., et al. 2012. Evaluating frequency, diagnostic quality, and cost of Lyme borreliosis testing in Germany: a retrospective model analysis. *Clin Dev Immunol* 2012:595427.
3. Huppertz, H.I., Bohme, M., Standaert, S.M., Karch, H., and Plotkin, S.A. 1999. Incidence of Lyme borreliosis in the Wurzburg region of Germany. *Eur J Clin Microbiol Infect Dis* 18:697-703.
4. C., A., and G., P. 2010. Zur Situation bei wichtigen Infektionskrankheiten in Deutschland. Lyme-Borreliose: Analyse der gemeldeten Erkrankungsfälle der Jahre 2007 bis 2009 aus den sechs östlichen Bundesländern. *Epi Bull* 12:101-107.
5. Stanek, G., Fingerle, V., Hunfeld, K.P., Jaulhac, B., Kaiser, R., Krause, A., Kristoferitsch, W., O'Connell, S., Ornstein, K., Strle, F., et al. 2011. Lyme borreliosis: clinical case definitions for diagnosis and management in Europe. *Clin Microbiol Infect* 17:69-79.
6. Gerber, M.A., Zemel, L.S., and Shapiro, E.D. 1998. Lyme arthritis in children: clinical epidemiology and long-term outcomes. *Pediatrics* 102:905-908.
7. Kaiser, R. 2004. [Clinical courses of acute and chronic neuroborreliosis following treatment with ceftriaxone]. *Nervenarzt* 75:553-557.
8. Kalish, R.A., Kaplan, R.F., Taylor, E., Jones-Woodward, L., Workman, K., and Steere, A.C. 2001. Evaluation of study patients with Lyme disease, 10-20-year follow-up. *J Infect Dis* 183:453-460.
9. Kruger, H., Reuss, K., Pulz, M., Rohrbach, E., Pflughaupt, K.W., Martin, R., and Mertens, H.G. 1989. Meningoradiculitis and encephalomyelitis due to *Borrelia burgdorferi*: a follow-up study of 72 patients over 27 years. *J Neurol* 236:322-328.
10. Pfister H.W., W.B., Preac-Mursic V., Einhäupl K. 1989. Clinical and serological follow-up of patients with Bannwarth's syndrome: comparison of patients with and without penicillin treatment. *Zbl. Bakt. Lyme Borreliosis* II:276-279.
11. Seltzer, E.G., Gerber, M.A., Cartter, M.L., Freudigman, K., and Shapiro, E.D. 2000. Long-term outcomes of persons with Lyme disease. *JAMA* 283:609-616.
12. Shadick, N.A., Phillips, C.B., Sangha, O., Logijian, E.L., Kaplan, R.F., Wright, E.A., Fosse, A.H., Fosse, K., Berardi, V., Lew, R.A., et al. 1999. Musculoskeletal and neurologic outcomes in patients with previously treated Lyme disease. *Ann Intern Med* 131:919-926.
13. Wormser, G.P., Dattwyler, R.J., Shapiro, E.D., Halperin, J.J., Steere, A.C., Klempner, M.S., Krause, P.J., Bakken, J.S., Strle, F., Stanek, G., et al. 2006. The clinical assessment, treatment, and prevention of lyme disease, human granulocytic anaplasmosis, and babesiosis: clinical practice guidelines by the Infectious Diseases Society of America. *Clin Infect Dis* 43:1089-1134.
14. Strle, F., and Stanek, G. 2009. Clinical manifestations and diagnosis of lyme borreliosis. *Curr Probl Dermatol* 37:51-110.
15. Hofmann H, A.E., Bruckbauer H, Fingerle V, Mempel M, Müllegger RR, Plettenberg A, Simon M, Wallich R. . 2009. Kutane Manifestationen der Lyme Borreliose. *Leitlinien der Deutschen Dermatologischen Gesellschaft. AWMF Leitlinien* <http://leitlinien.net/>.
16. Kaiser, R. 1994. Variable CSF findings in early and late Lyme neuroborreliosis: a follow-up study in 47 patients. *J Neurol* 242:26-36.
17. Rauer, S., R. Kaiser, H.W. Kölmel, H.W. Pfister, B. Wilske. . 2008. Leitlinie Neuroborreliose. . Herausgegeben von der Kommission Leitlinien der Deutschen Gesellschaft für Neurologie - Expertengruppe Neuroborreliose. AWMF gelistet.: 1-15
18. Kaiser, R., and Fingerle, V. 2009. [Neuroborreliosis]. *Nervenarzt* 80:1239-1251.

19. Mygland, A., Ljostad, U., Fingerle, V., Rupprecht, T., Schmutzhard, E., and Steiner, I. 2010. EFNS guidelines on the diagnosis and management of European Lyme neuroborreliosis. *Eur J Neurol* 17:8-16, e11-14.
20. Gollmer, E., Schmidt, R., Kabatzki, J., Hartung, S., Rehse-Küpper, B., Ackermann, R. . 1989. Borrelia meningopolyneuritis Garin-Bujadoux-Bannwarth, catamnesis of 25 cases. . *Zbl. Bakt. Suppl.* 18 206-211.
21. Pfister, H.W., Preac-Mursic, V., Wilske, B., and Einhaupl, K.M. 1989. Cefotaxime vs penicillin G for acute neurologic manifestations in Lyme borreliosis. A prospective randomized study. *Arch Neurol* 46:1190-1194.
22. Pfister, H.W., Preac-Mursic, V., Wilske, B., Schielke, E., Sorgel, F., and Einhaupl, K.M. 1991. Randomized comparison of ceftriaxone and cefotaxime in Lyme neuroborreliosis. *J Infect Dis* 163:311-318.
23. Nygard, K., Brantsaeter, A.B., and Mehl, R. 2005. Disseminated and chronic Lyme borreliosis in Norway, 1995 - 2004. *Euro Surveill* 10:235-238.
24. Stanek, G., Wormser, G.P., Gray, J., and Strle, F. 2011. Lyme borreliosis. *Lancet*.
25. Krause, A., and Herzer, P. 2005. [Early diagnosis of Lyme arthritis]. *Z Rheumatol* 64:531-537.
26. Krause, A., and Fingerle, V. 2009. [Lyme borreliosis]. *Z Rheumatol* 68:239-252; quiz 253-234.
27. Hofmann, H. 2005. [Lyme borreliosis. Cutaneous manifestation]. *Hautarzt* 56:783-795; quiz 796.
28. Asbrink, E., Hovmark, A., and Olsson, I. 1986. Clinical manifestations of acrodermatitis chronica atrophicans in 50 Swedish patients. *Zentralbl Bakteriol Mikrobiol Hyg A* 263:253-261.
29. Pfister, H.W., Preac-Mursic, V., Wilske, B., Rieder, G., Forderreuther, S., Schmidt, S., and Kapfhammer, H.P. 1993. Catatonic syndrome in acute severe encephalitis due to *Borrelia burgdorferi* infection. *Neurology* 43:433-435.
30. Rupprecht, T.A., Koedel, U., Fingerle, V., and Pfister, H.W. 2008. The pathogenesis of lyme neuroborreliosis: from infection to inflammation. *Mol Med* 14:205-212.
31. Pfister, H.W., Einhaupl, K.M., Wilske, B., and Preac-Mursic, V. 1987. Bannwarth's syndrome and the enlarged neurological spectrum of arthropod-borne borreliosis. *Zentralbl Bakteriol Mikrobiol Hyg A* 263:343-347.
32. Wilske, B.Z., L.; Brade, V.; Eiffert, M.; Göbel, U. B.; Stanek, G. unter Mitarbeit von H. W. Pfister. . 2000. MIQ 12 Lyme-Borreliose. . in: Mauch, H.; Lütticken, R.; Gatermann, S., im Auftrag der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM). (eds.) Qualitätsstandards in der mikrobiologisch-infektiologischen Diagnostik. Urban & Fischer Verlag, München Jena 1-59.
33. Hansen, K., and Lebech, A.M. 1992. The clinical and epidemiological profile of Lyme neuroborreliosis in Denmark 1985-1990. A prospective study of 187 patients with *Borrelia burgdorferi* specific intrathecal antibody production. *Brain* 115 (Pt 2):399-423.
34. Mygland, A., Skarpaas, T., and Ljostad, U. 2006. Chronic polyneuropathy and Lyme disease. *Eur J Neurol* 13:1213-1215.
35. Huppertz, H.I., Bartmann, P., Heininger, U., Fingerle, V., Kinet, M., Klein, R., Korenke, G.C., and Nentwich, H.J. 2012. Rational diagnostic strategies for Lyme borreliosis in children and adolescents: recommendations by the Committee for Infectious Diseases and Vaccinations of the German Academy for Pediatrics and Adolescent Health. *Eur J Pediatr.*
36. Aguero-Rosenfeld, M.E., Wang, G., Schwartz, I., and Wormser, G.P. 2005. Diagnosis of lyme borreliosis. *Clin Microbiol Rev* 18:484-509.
37. Reischl, U., C. Drosten, W. Geißdörfer, U. Göbel, K.S. Hoffmann, H. Mauch, T. Meyer, A. Moter, L. von Müller, M. Panning, et al. 2011. MiQ 1: Nukleinsäure-Amplifikationstechniken (NAT), 3. Auflage, In: *Mikrobiologisch-infektiologische Qualitätsstandards (MiQ) Qualitätsstandards in der mikrobiologisch-infektiologischen Diagnostik* Urban & Fischer, München,, 1-80 pp.

38. Hauser, U., Lehnert, G., and Wilske, B. 1999. Validity of interpretation criteria for standardized Western blots (immunoblots) for serodiagnosis of Lyme borreliosis based on sera collected throughout Europe. *J Clin Microbiol* 37:2241-2247.
39. Hauser, U., Lehnert, G., and Wilske, B. 1998. Diagnostic value of proteins of three *Borrelia* species (*Borrelia burgdorferi* sensu lato) and implications for development and use of recombinant antigens for serodiagnosis of Lyme borreliosis in Europe. *Clin Diagn Lab Immunol* 5:456-462.
40. Borde, J.P., Meier, S., Fingerle, V., Klier, C., Hubner, J., and Kern, W.V. 2012. CXCL13 may improve diagnosis in early neuroborreliosis with atypical laboratory findings. *BMC Infect Dis* 12:344.
41. Albrecht, P., Henke, N., Lehmann, H.C., Macht, S., Heftner, H., Goebels, N., Mackenzie, C., Rupprecht, T.A., Fingerle, V., Hartung, H.P., et al. 2012. A case of relapsing-remitting neuroborreliosis? Challenges in the differential diagnosis of recurrent myelitis. *Case Rep Neurol* 4:47-53.
42. Schmidt, C., Plate, A., Angele, B., Pfister, H.W., Wick, M., Koedel, U., and Rupprecht, T.A. 2011. A prospective study on the role of CXCL13 in Lyme neuroborreliosis. *Neurology* 76:1051-1058.
43. Cerar, D., Cerar, T., Ruzic-Sabljic, E., Wormser, G.P., and Strle, F. 2010. Subjective symptoms after treatment of early Lyme disease. *Am J Med* 123:79-86.
44. Huppertz, H.-I., Christen, H.-J., Fingerle, V., and Heininger, U. 2013. Lyme-Borreliose. In *Handbuch Infektionen bei Kindern und Jugendlichen*. D.G.f.P.I.e.V.D. (eds.), editor: Thieme Verlag. accepted.
45. Wormser, G.P., and O'Connell, S. 2011. Treatment of infection caused by *Borrelia burgdorferi* sensu lato. *Expert Rev Anti Infect Ther* 9:245-260.