

Title

Expanding spectrum of ‘spitzoid’ lesions: a small series of 4 cases with *MAP2K1* mutations.

Journal

Virchows Archiv

Authors

K.G.P. Kerckhoffs¹, T. Aallali², C.A. Ambarus³, V. Sigurdsson⁴, A.M.L. Jansen⁵, W.A.M. Blokx⁵

Affiliations

¹ Department of Pathology, Maastricht University Medical Center+, Maastricht, The Netherlands

² Pathology Expert Center, Hoorn/Zaandam, The Netherlands

³ Department of Pathology, Sint Antonius Hospital, Nieuwegein, The Netherlands

⁴ Department of Dermatology, University Medical Center Utrecht, Utrecht, The Netherlands

⁵ Department of Pathology, Division of Laboratories, Pharmacy and Biomedical Genetics, University Medical Center Utrecht, Utrecht, The Netherlands

Corresponding author

K.G.P. Kerckhoffs

E-mail: kelly.kerckhoffs@mumc.nl

Online Resource 4: Clinical pictures

Case 3





Case 4

In 2015



In 2019

