



well as around the vessels in 2015. More CD8<sup>+</sup> cells around the vessels and within the tumor were observed in 2015 than 2001 and 2007 [Figure 1e-g]. We speculated that the treatment with a CO<sub>2</sub> laser might have provoked an immune reaction for the tumor and the biopsy procedure enhanced the reaction, which caused spontaneous regression. Merkel cell carcinoma (MCC) is well known,<sup>[5]</sup> and apoptosis is said to be involved in the regression.<sup>[6]</sup> Merkel cell polyomavirus (MCPyV) was detected in three of four cases of MCC showing spontaneous regression after biopsy.<sup>[5,7]</sup> Thus, we evaluated the virus in this case. However, MCPyV was not detected with polymerase chain reaction using an extract of the paraffin-embedded sample of this case.<sup>[7]</sup> In this case, MCPyV was not involved in the spontaneous regression after biopsy.

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### Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient has given her consent for her images and other clinical information to be reported in the journal. The patient understands that her name and initials will not be published and due efforts will be made to conceal the identity, but anonymity cannot be guaranteed.

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### Conflicts of interest

There are no conflicts of interest.

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