

Abstract

Research protocol for homeopathic treatment of congenital zika virus infection

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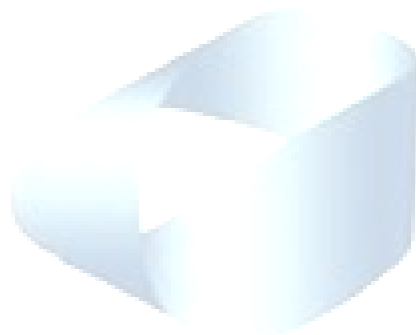
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Background The Zika virus (ZIKV) is a flavivirus and the human disease caused by this virus has been described in the Americas in 2015. ZIKV has been identified as an etiological agent of acute exanthematous disease in Brazil. In the same year, an epidemic of microcephaly with images suggestive of congenital infection raised the suspicion of a relationship between these alterations and ZIKV infection. Epidemiological and histopathological studies point to a strong relationship between prenatal Zika virus infection and microcephaly. Newborns with microcephaly, may also present auditory and visual changes, seizures and severe neurodevelopmental impairment. In 2016, the World Health Organization (WHO) declared Zika virus (ZIKV) infection a public health emergency of international concern. **Aims** Clinical observation in the ambulatory school of ABRAH (Brazilian Association of Recycling and Homeopathy Assistance) of patients with encephalopathy of various origins, using the medicine *Helleborus niger* as equalizer of the NS (Nervous System), as described in the Complex Systems of Carillo, shows improvement in motor, cognitive and seizure disorders. Based on this observation, we propose to use this method in patients with ZIKV congenital infection. **Methodology** To evaluate 15 patients in follow-up at the AFR (Fluminense Rehabilitation Association), through homeopathic anamnesis, clinical, diathetic, biotypological and temperamental classification. The Gross Motor Function Classification System (GMFCS) will be used. All patients will receive *Helleborus niger* 6 Ch daily for 6 months. **Results and discussion** This study was forwarded to the research ethics committee and will begin in July 2019. Will be evaluated the use of *Helleborus niger* in patients with congenital infection by ZIKV, as equalizer of NS. The expected result is overall neurological improvement. **Conclusion** *Helleborus niger*, probably stimulating self-regulation through uninjured neurological pathways, will promote autopoiesis and construction of new programs of action, and will enable the improvement of patients with congenital ZIKV infection.

KEYWORDS: Zika vírus, microcephaly, homeopathy, Helleborus niger, ABRAH

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