Macular atrophy and Zika virus infection

Atrofia macular e infecção pelo vírus Zika

Dear Editor:

The recent report titled "Macular atrophy and Zika virus infection" by Campos et al. was very interesting⁽¹⁾. The authors noted that "this is the first report of optical coherence tomography (OCT) imaging of macular atrophy in a child with presumed Zika virus infection-associated microcephaly." Undoubtedly, OCT might present challenges in cases of Zika virus infection, with positive or negative findings⁽¹⁻⁴⁾. OCT findings in infected cases have already been described in at least three reports⁽²⁻⁴⁾ published prior to or simultaneously with the present report by Campos et al.⁽¹⁾. However, a search of the PubMED database (www.pubmed.com) by recorded date should list the report in "JAMA Ophthalmology" as the first report worldwide⁽⁴⁾.

REFERENCES

- Campos AG, Lira RP, Arantes TE. Optical coherence tomography of macular atrophy associated with microcephaly and presumed intrauterine Zika virus infection. Arg Bras Oftalmol. 2016;79(6):400-1.
- 2. de Oliveira Dias JR, Ventura CV, Borba PD, de Paula Freitas B, Pierroti LC, do Nascimento AP, et al. Infants with congenital Zika syndrome and ocular findings from São Paulo, Brazil: Spread of Infection. Retin Cases Brief Rep. 2017 Jan 2. doi: 10.1097/ICB.0000000000000518.
- Ventura CV, Ventura LO, Bravo-Filho V, Martins TT, Berrocal AM, Gois AL, et al. Optical coherence tomography of retinal lesions in infants with congenital Zika syndrome. JAMA Ophthalmol. 2016;134(12):1420-7.
- 4. Rifkin LM, Duker JS. Use of retinal optical coherence tomography to detect congenital Zika syndrome. JAMA Ophthalmol. 2016;134(12):1427-8.

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Response: macular atrophy and Zika virus infection

Resposta: atrofia macular e infecção pelo vírus Zika

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Sincerely,

Adriana Gondim de Moura Campos, Rodrigo Pessoa Cavalcanti Lira, Tiago Eugenio Faria e Arantes