

Case Report**Endophthalmitis caused by *Kocuria kristinae*****A Case Report**M Alles<sup>1</sup>, D Wariyapola<sup>1</sup>, K Salvin<sup>1</sup>, K Jayatilleke<sup>1</sup>*Sri Lankan Journal of Infectious Diseases 2020 Vol.10(2):146-149*DOI: <http://dx.doi.org/10.4038/sljid.v10i2.8281>**Abstract**

*Kocuria kristinae* is part of the microbiota of humans but can also act as an opportunistic pathogen causing invasive infection. Here we report a case of endophthalmitis in a previously healthy adult male presumably resulting from iatrogenic infection due to intra-vitreous administration of drugs for the management of macular oedema. Following trans pars plana vitrectomy, an aseptically obtained specimen of vitreous humor was processed for bacterial culture. A pure growth of *K. kristinae* was isolated which was identified via VITEK 2. The patient was treated with intra-vitreous vancomycin with subsequent improvement of his condition.

*Keywords: Kocuria kristinae, endophthalmitis, vancomycin*

**Introduction**

*Kocuria kristinae* is a Gram positive coccus, ubiquitous in nature and a commensal of the skin and mucous membranes of humans. It can also manifest as an opportunistic pathogen, particularly in patients who are immunocompromised.<sup>1</sup> Nevertheless, only few cases of infection associated with this organism have been reported worldwide,<sup>2</sup> resulting in a very limited amount of data concerning such infections. Here we present the first reported case of endophthalmitis caused by *K. kristinae* in Sri Lanka.


**Case report**

A previously healthy farmer aged 67 years presented to his local District General hospital with acute onset of blurring of vision in his right eye. Ophthalmological examination showed branch retinal vein occlusion causing macular oedema of the right eye. He was treated with 2 doses of intravitreal bevacizumab (trade name “Avegra”) administered 3 months apart. Following the initial dose, he reported that the visual blurring of his right eye had improved.

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