

## Bilateral Pseudomonas Keratitis Associated with Wear Same Soft Contact Lens in Both Eyes

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### ABSTRACT

**Purpose:** To report a case of *Pseudomonas aeruginosa* microbial keratitis in a patient wearing the same soft contact lenses in both eyes.

**Methods:** 14-year-old girl with soft contact lenses she was diagnosed with a corneal ulcer in her right eye. Scrapings were positive for *P. aeruginosa*, started on fortified topical antibiotics, came one day after treatment then did not show up in her follow-ups. Two weeks later, she came after using the same contact lens in her left eye, diagnosed with a corneal ulcer, scraping of the corneal ulcer and contact lens were again positive for *P. aeruginosa*, she was admitted due to her poor compliance, treated with fortified topical antibiotics.

**Results:** The microbial keratitis healed with successful treatment.

**Conclusions:** Sight-threatening microbial keratitis can occur after using the same soft contact lenses in both eyes two week apart, showing how fertile is the contact lens for the growth of bacteria.

**Keywords:** Contact lens, poor hygiene, Microbial keratitis, Corneal ulcer, Pseudomonas

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