

Extended Abstract

Gas-producing *Vibrio Cholerae*: A case report of gastroenteritis with acute kidney injury

Jeevan Malaiyan, Gautam Srinivas KP and Arvind Srinivas KP

Sri Muthukumaran Medical College Hospital and Research Institute, IndiaMeenakshi University, Kancheepuram, India

Abstract

We herein report the first case of gas producing *Vibrio cholerae* gastroenteritis with an acute kidney injury. A 30-year-old female presented to the emergency department with complaints of about 10 episodes of watery diarrhea, 4 episodes of vomiting and elevated serum urea/creatinine levels.

Although the bacteria were first misidentified as *V. furnissii* by gas production on triple sugar iron agar, it was later confirmed as *Vibrio cholerae* by 16S rRNA gene sequencing and specific PCR. The treatment regimen was followed as for *Vibrio* species with Intravenous fluids, Ciprofloxacin and Doxycycline. The patient recovered without relapse.