

POSTER PRESENTATION

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Eight pearls in *Clostridium difficile* infection clinical management

Gabriel Adrian Popescu^{1,2*}, Șerban Benea^{1,2}, Diana Petrache^{1,2}, Diana Niculescu², Dragoș Florea², Ioana Bădicuț^{1,2}, Monica Popoiu², Alexandru Rafila^{1,2}

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Background

The clinical appearance of *Clostridium difficile* infection (CDI) has changed in the last three years in Romania, due to the emergence of the hypervirulent ribotype 027 of *Clostridium difficile*. It is a risk for less than optimal management of this disease, especially the severe CDI with rapidly fatal outcome.

Case report

An overview of our 2011-2013 experience retrieved several common mistakes of CDI management (e.g. almost 51% of CDI patients received combined therapy with metronidazole and vancomycin, less than 25% colectomies for cases with toxic megacolon, several secondary cases in patients hospitalized in the same room with a non-diagnosed CDI patient). We have chosen to present eight “pearls” that summarize better the difficulties of CDI clinical and microbiological diagnosis, medical and surgical treatment and control infection measures; each of these ideas is exemplified with situations from our practical experience.

Conclusion

Several common mistakes were identified in the management of CDI, even in a tertiary hospital specialized in infectious diseases. Medical continuous education based on reliable information its needed for improvement of CDI management.

Authors' details

¹Carol Davila University of Medicine and Pharmacy, Bucharest, Romania.

²National Institute for Infectious Diseases “Prof. Dr. Matei Bals”, Bucharest, Romania.

* Correspondence: gabrielp9@yahoo.com

¹Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
Full list of author information is available at the end of the article

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