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Innovative approaches to the treatment of acute intestinal infections caused by opportunistic microorganisms



Developments related to the medical field and can be used in the treatment of patients with acute intestinal infection caused by opportunistic microorganisms. The formulation task creation method for the treatment of acute intestinal infections caused by opportunistic microorganisms, by appointment of colloidal silver with particle size 25 nm and the combined probiotic that reduces endogenous intoxication, remove pathogens and normalize intestinal microbiocenosis that improves the effectiveness of treatment. Put problem is solved by the fact that the method of treatment of acute intestinal infections caused by opportunistic microorganisms, through internal appointments to the background of conventional therapy combined probiotic "Lacto" 1 capsule three times a day 30 minutes after meals for 5 days additionally administered colloidal silver with a particle size of 25 nm, stabilized with citric acid at a concentration of 10 mg/L 100 ml three times a day 15 minutes before meals.

The basis of the methods of treatment of adult patients with acute intestinal infections put innovative solutions. Sumy State University (SSU) is the applicant, and, consequently, the owner of two patents for utility model.

The above method of treatment is unique.

With the introduction into clinical practice of this method of treatment reduces patient length of stay in hospital for 1 day, reducing economic losses. This growth is accompanied by the lowest average cost improvement of patient 1 unit.

Healthcare infectious type.

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Data on development used in teaching students in training and retraining of doctors at the Department of



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The results of materials and the results that were obtained in the performance of this design, introduced in the work of the Sumy Regional Clinical Infectious Diseases Hospital named S. J. Krasovickiy, Infectious Department of Sumy City Hospital № 4 , District Infectious Units of Sumy Region, 7th Hospital of Simferopol, Ivano - Frankivsk Regional Clinical Hospital of Infectious Diseases , Poltava Regional Clinical Hospital of Infectious Diseases and Chernivtsi Regional Hospital.

Development of new methods for the treatment of adult patients with acute intestinal infection caused by opportunistic pathogens recognized and awarded: Patent number 71846 Ukraine (51) IPC (2006.01) A 61 K 33/ 38. " Method for the treatment of acute intestinal infections caused by opportunistic microorganisms using colloidal silver " / Chemych M. D., Polov'yan K.S., Gukov S. V., patent SSU. - № u201201181; appl . 06.02.2012 , publ. 25.07.2012 , Bull. Number 14. Patent number 73202 Ukraine (51) IPC (2006.01) A 61 K 35/ 74. " Method for the treatment of acute intestinal infections caused by opportunistic microorganisms using a combination of probiotics and colloidal silver " / Chemych M. D., Polov'yan K.S., patent SSU. - № u201204096; appl . 03.04.2012 , publ. 10.09.2012 , Bull. Number 17. Newsletter on innovation in health care number 324 - 2012 "Application of combined probiotic" Lacto " in the treatment of acute intestinal infections caused by opportunistic microorganisms".