

POSTER PRESENTATION

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Helicobacter pylori – HIV co-infection and dyspepsia

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Helicobacter pylori infection is one of the most frequent causes of dyspepsia in the general population. As gastro-intestinal symptoms are a common complaint among HIV-positive persons, the purpose of the present study is to assess the role of *Helicobacter pylori* infection in this category of patients.

We performed a retrospective, case-control study on two groups of HIV-infected patients admitted to the Infectious Diseases Clinic I, Tîrgu-Mureş and tested for *Helicobacter pylori* infection by stool antigen detection: group A – 36 dyspeptic subjects and group B – 5 patients without dyspeptic complaints. We compared the two groups from the point of view of the frequency of *Helicobacter pylori* infection. Statistical analysis of data was performed with the help of GraphPad programme.

4 (11.11%) HIV-positive patients with dyspeptic symptoms tested positive for *Helicobacter pylori* infection, while none of the patients in group B was diagnosed with *Helicobacter pylori* infection ($p=1.0000$, $OR=1.523$).

Although none of the asymptomatic patients in our study was diagnosed with *Helicobacter pylori*, the absence of a statistically significant association between *Helicobacter pylori* infection and dyspepsia among HIV-positive patients may suggest that other etiologies should be searched in HIV-infected patients with gastro-intestinal complaints.

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