Abstract Group: 10.1. Respiratory Infections
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Title: Clinical and radiographic presentation of infection caused by mycoplasma pneumoniae – Case series report

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Body: Mycoplasma pneumonae is a common cause of respiratory tract infections. In period september-december 2012 in our department in 17 patients, 8 males (47%) and 9 females (53%), hospitalized for acute respiratory tract infection presence of M.pneumoniae infection was verified by IgM detection. Among them without previous pulmonary disease were 4 pts (23,5%), with exacerbation of asthma 2 pts (11,8%), with exacerbation of COPD 6 pts (35,2%) and with active pulmonary TB 4 pts (23,5%). General symptoms were present in 12 pts (70,6%): fever 10 pts (58,8%), fatigue and malaise 10 pts (58,8%), increased sweating 7 pts (41,2%), loss of body weight 3 pts (17,6%). Respiratory symptoms were present in 14 pts (82,3%): cough 14 pts (82,3%), shortnes of breath 6 pts (35,3%), pain related to breathing 5 pts (29,4%), haemophtysis 3 pts (17,6%). The presence of other symptoms and signs of the disease was observed in 5 pts (29,4%): erythematous skin changes in 2 pts (11,8%), polyarthralgia 5 pts (29,4%) and jaundice in 1 pt (5,9%). Normal finding on the chest X-ray had 6 pts (35,3%), micronodular infiltrates 5 pts (29,4%), bronchopneumonic shadows 3 pts (17,6%), tumor like infiltrations 2 pts (11,8%) and pleural effusion 1 pt (5,9%). In conclusion most patients were with preexisting chronic pulmonary diseases (70,1%) and majority of them had respiratory symptoms (82,3%) at the time of diagnosis. There was no typical and radiographic presentation of M.pneumoniae infection.