REPORT

on the efficiency of DETA-AP devices as a part of complex treatment of patients having pulmonary tuberculosis

Test aim: To assess the efficiency of complex treatment of patients having pulmonary tuberculosis (including multiple drug resistance tuberculosis) using DETA-AP device, and to determine special methodological features of application of the device.

The test was carried out in State Health Care Institution of the Yaroslavl Region Regional Clinical Hospital for Tuberculosis. Twenty five patients having tuberculosis were tested, among them there were:

- 11 women, 14 men;
- 9 patients had multiple drug resistance tuberculosis.
- Age: men from 24 to 56 years old, women from 24 to 58 years old.

Together with the current TB therapy treatment course No. 8 with DETA-AP was prescribed to all patients one per week in accordance with minutes and standards. Criteria for assessing the efficiency of treatment were clinical, radiological and bacteriological data of examination.

Radiological improvement was observed in 18 cases (72%), without any changes - in 6 cases (24%), 1 case - negative changes (4%).

According to the bacteriological examination: Abacillation took place in 12 cases (48%), BK (-) in 8 cases before and after the examination, 4 patients are in process.

In one case treatment was terminated after 4 sessions, as drug liver disease and hepatorenal syndrome developed.

It should be noted that all modes of the device are well-tolerated, and there were no adverse reactions to the treatment.

Conclusion.

1. DETA-AP treatment is safe.
2. The applied treatment scheme should be further developed: increasing exposure time, multiplicity of sessions, which is associated with the duration of treatment of this pathology and longer periods to evaluate the results (result of multiple drug resistance tuberculosis inoculation may take from 2 to 4 months).

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Doctor in charge of testing M.G. Varina (Signature)
Head Doctor of State Health Care Institution of the Yaroslavl Region Regional Clinical Hospital for Tuberculosis (Signature) Yu.V. Makovey

(Seal: State Health Care Institution of the Yaroslavl Region Regional Clinical Hospital for Tuberculosis)