

# **THE ROLE OF PET/CT IN THE MANAGEMENT OF PACIENTS WITH MALIGNANT LYMPHOMA**

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**Objective** - the benefits of PET / CT in the diagnosis of malignant lymphomas

**Material and methods** - study of a number of 807 patients with malignant lymphoma of the total 4170 patients investigated by PET CT, between June 2008 - August 2012.

**Results** - data obtained are compared with those from other studies and literature. Follow diagnostic performance of PET CT in the staging, restaging, assessment of therapeutic response and evaluating residual masses in patients with malignant lymphoma.

**Conclusions** - PET CT has high sensitivity and specificity for most types of lymphoma. It has definite indication for staging and restaging of patients with lymphoma and to assess early response to treatment, or at the end of therapy and has major role in long-term survival of patients.