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Oncothermia treatment for small-cell-lung carcinoma

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Objective

Small cell lung carcinomas (SCLC) were studied combined with various chemotherapies. This is a running study, we present only interim results. Our objective was to obtain reliable data of SCLC treatment with oncothermia.

Method

Data of the patients (n = 14) are registered and evaluated retrospectively. The average age of patients is 64.4 y (9.77). All patients received 1200 MHz therapeutic radiotherapy. Ten patients had only one oncothermia cycle, while four got two cycles. Six patients had distant metastases at two of them multiple, involving their brain. Some cases are discussed in details for further considerations.

Case reports

The local clinical response is impressive, shows shrinking of tumor in ten cases while tumor growth was observed in two and no change in two cases as well. The interim results for survival show median survival 7.5 m (1-30) with mean survival of 10 m (3E2:1.3). The Kaplan Meier plot is shown. Case reports will demonstrate the efficacy of the oncothermia as complementary treatment for SCLC.

Interim study-results

The local clinical response is impressive, shows shrinking of tumor in ten cases while tumor growth was observed in two and no change in two cases as well. The interim results for survival show median survival 7.5 m (1-30) with mean survival of 10 m (3E2:1.3). The Kaplan Meier plot is shown. Case reports will demonstrate the efficacy of the oncothermia as complementary treatment for SCLC.

Conclusion

Oncothermia treatment has feasibility to treat SCLC. For evidences a perspective, randomized study, and the overall survival end point is cleaved. The study continues, and further evaluation is in progress.