



show a significant difference in overall survival between CSI and local RT only. Freedom of local failure was 67% at 5 years in patients treated with CSI and 60% at 5 years after local RT. A rate of 83% for distant failure-free survival could be observed in the CSI group as opposed to 93% in the group receiving local RT only.

### Conclusion

Local RT in patients with localized tumors is equieffective to CSI. The radiation oncologist must keep in mind that patients with localized ependymomas benefit from local doses  $\geq 45$  Gy.

**Author Keywords:** Ependymoma; Radiation therapy; Dose escalation; Toxicity; Outcome

### Article Outline

#### Introduction

#### Patients and Methods

Radiotherapy

Treatment at tumor progression

Follow-up

Statistical methods

#### Results

Overall survival

Survival calculated from RT

Patterns of failure

#### Discussion

#### Conclusion

#### References



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