



Schweizerische Pädiatrische Onkologie Gruppe  
Groupe d'Oncologie Pédiatrique Suisse  
Gruppo d'Oncologia Pediatrica Svizzera  
Swiss Paediatric Oncology Group

## LOGGIC Core

The Hopp Kindertumorzentrum in Heidelberg and the Deutsche Krebsforschungszentrum in Germany are responsible for the international implementation of the study as sponsor. The Swiss Paediatric Oncology Group (SPOG) is responsible for performing the study in Switzerland (sponsor representative).

### **Background**

Low-grade malignant gliomas (LGG) are a heterogeneous group of cancers and the largest group of brain and spinal cord cancers, accounting for 40 to 50% of the total. Most patients with a low-grade malignant glioma have a very good chance of survival (the 10-year survival rate is over 90%). The chance of a cure, however, depends to a significant degree on the subgroup and location of the cancer. Surgery is the therapy of choice, but it is not always possible depending on the location. More than one third of individuals in whom it is not possible to remove the cancer completely by surgery require further treatment, and some patients experience several recurrences, requiring therapy several times. The aim of LOGGIC Core is to improve understanding of the tumour biology of these cancers and to develop more individual approaches to therapy on this basis.

### **Why does the study need to be done?**

LOGGIC Core seeks to find out more about the tumour biology of low-grade brain cancers in children. State-of-the-art techniques are used to obtain a “fingerprint” of each tumour. The intention is to use all the molecular and clinical data compiled during the study to develop treatment strategies for future patients that are more specific to the individual patient. These findings are already being used to provide more individual treatment and in new therapy trials. This knowledge will be expanded further by LOGGIC Core.

### **Contact details for the sponsor representative in Switzerland:**

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