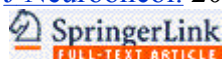




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1: [J Neurooncol](#). 2009 Mar;92(1):87-98. Epub 2008 Nov 20.



Clinical epidemiology for childhood primary central nervous system tumors.

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This work was conducted by the French Brain Tumor Data Bank (FBTDB) and aims to prospectively record all primary central nervous system tumors (PCNST), in France, for which histological diagnosis is available. Results concerning children are presented. This study analyzes the childhood cases (0-19 years) of newly diagnosed and histologically confirmed PCNST (during the years 2004-2006) which have been recorded by the FBTDB. All French neuropathology and neurosurgery departments participated in this program. Neurosurgeons and neuropathologists completed a data file containing socio-demographic, clinical, radiologic and anatomopathologic information. The Tumor Registry from Hérault was authorized to compile the data files with personal identifiers. About 1,017 cases (533 boys and 484 girls) of newly diagnosed childhood PCNST have been recorded (gliomas: 52%, all other neuroepithelial tumors: 31%, craniopharyngioma: 5%, germ cell tumors, meningioma and neurinoma: approximately 3% each, all histological subtypes have been detailed). Tumor resections were performed in 83.3%, and biopsies in 16.7%. The distributions by histology, cryopreservation of the samples, age, sex, tumor site and surgery have been detailed. To our knowledge, this work is the first databank in Europe dedicated to PCNST that includes the collection of clinical, radiological and histological data (including cryopreservation of the specimen). The long term goals of the FBTDB are to create a national registry and a network to perform epidemiological studies, to implement clinical and basic research protocols, and to evaluate and harmonize the healthcare of children and adult patients affected by PCNST.

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