

International Conference on

PUBLIC HEALTH, PSYCHIATRY AND NEURO-ONCOLOGY

August 14-15, 2019 | Tokyo, Japan

Outcome of medulloblastoma in children treated at King Fahad Specialist Hospital: Five year experience**Abdullah AL Fareed**

King Fahad Specialist Hospital, Saudi Arabia

Embryonal tumors constitute approximately 15% of all primary CNS tumors occurring in patient less than 18 years old. The most common embryonal tumors are: Medulloblastoma (MB) (62%), Atypical Teratoid Rhabdoid Tumors (ATRT) (15%), CNS Primitive Neuroectodermal Tumors (PNET) (14.9%), other embryonal tumors (8%). MB The most common malignant brain tumor of childhood occurs in the posterior fossa, like other embryonal tumors may metastasize either early or late in the disease course. The aim is to study the treatment outcome of medulloblastoma in children and adolescents treated at King Fahad Specialist Hospital Dammam from 2012 to 2016. The objective is to study the clinical symptoms and signs of medulloblastoma in our cohort, histopathological subtypes, evaluate approach to therapy (surgery, chemotherapy, and radiation therapy), to evaluate all the complications related to the disease and/or to the treatment, distribution and incidence of MB by sex, age and histologic types, calculate the relapse rate, correlation between the above points and the outcome, identify inherited syndromes associated with medulloblastoma in our cohort study. It's a retrospective chart review for all children's less than 16 years of age diagnosed with MB from January 2012 till December 2016. Survival curves were generated using Kaplan-Meier method. Overall Survival (OS) is defining as time from diagnosis until death from any cause. Event Free Survival (EFS) is defining as time from diagnosis until the occurrence of event. Events are failure to achieve remission, relapse, or death from any cause.

Biography

Abdullah Mohammad Al Fareed has graduated from College of Medicine from University-Imam Abdulrahman Bin Faisal University. He is currently pursuing his Pediatrics Hemato-Oncology Fellowship in King Fahad Specialist Hospital.

dr.alfareed@gmail.com

Notes: