Diagnosis of childhood cancer is a great challenge to the parents. The condition imposes them to look for all possible ways to help and protect the children. Whilst the conventional medical treatment for childhood cancer is promising, a majority of parents would seek for non-conventional treatment, in preference to or complimenting medical intervention. One of the most commonly seek non-conventional treatment in the community is to visit ‘bomoh’ – a famous traditional healer in a Malay community. The present study examines parents’ perception and knowledge about visiting ‘bomoh’ for treating cancer in their children. We interviewed parents seen at pediatric oncology ward and clinic Hospital Universiti Sains Malaysia (HUSM). Demographic information and series of questions related to the use of ‘bomoh’ treatment were asked using a semi-structured questionnaire developed by the researchers. Parents’ perceived knowledge, conviction, as well as their involvement with ‘bomoh’ in the attempts to treat the children are explored. Parents’ use of other alternative treatments is also looked into.