

What is Retinoblastoma ? Evaluate the Knowledge and Awareness of General Population and Health Provider in Saudi Arabia

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ABSTRACT

Study Design: Cross sectional

Background: Retinoblastoma represents around 3% of all malignancies in children under the age of 15, making it the most common primary intraocular tumor in childhood. The retinoblastoma tumor-suppressor gene (RB1 gene) biallelic mutation that causes it to begin, with a propensity for cone development, is the source of the condition's primitive retinoblastoma origins.

Methods: Data for this cross-sectional study were gathered using a specially designed questionnaire. A demographic questionnaire with questions about knowledge and awareness of RB. The questionnaire was created following a series of conversations amongst the panel of experts, which included linguists, researchers, and subject specialists. The questionnaire's Cronbach alpha coefficient was computed. The research will be carried out in Saudi Arabia's

Result: Table 2, 27.78% of the respondents were in direct connection with larger number of kids, 41.67% opted yes in response of the questions that malignant tumor can effect eyes, 23.89% have heard before about RB, 55.56% opted that tumor can effect both eyes, hereditary (25.93%) was the major cause of this diseases ,protrusion (40.93%) was the major symptoms, 64.81% agreed to visit doctor.

Conclusion: It is recommended that policymakers aid in the raising of awareness regarding retinoblastoma by launching campaigns during a designated time each year. In addition, governments are in charge of supplying the required screening to medical professionals.

Keywords: Retinoblastoma, Tumor, Healthcare, Awareness

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