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| OPEN ACCESS**Edited By**: Ahmed D AbdalrhimReviewed by:Hisham SherfiIbrahim Ginawi**Correspondence:** Esraa Daffalla Mohamed Ahmed, Faculty of Medicine, University of Kordofan**Received on**:20/11/2024**Accepted on**: 20/12/2024**Published o**n: January 5, 2025 **Citation**: Esraa, Ahmed HG, Salem NAE. Lens induced glaucoma. Medical Research Updates Journal 2025;3(1): 1-7. DOI:10.70084/pmrcc.mruj3.11 | **Lens Induced Glaucoma*****Esraa Daffallah Mohamed Ahmed1, Hussain Gadelkarim Ahmed2, Najla Adam Elsharif Salem2****1Faculty of Medicine, University of Kordofan, El-Obeid, Sudan**2Prof Medical Research Consultancy Center, NK, El-Obeid, Sudan.* **ABSTRACT****Background:** Lens induced glaucoma(LIG) is a prevalent issue concerning eye health in Sudan. This study sought to evaluate the clinical demographic characteristics linked to lens-induced glaucoma in Western Sudan. **Methodology**: This retrospective study was conducted at Makkah Eye Complex in North Kordofan State, Sudan, from August 2021 to August 2022.The study analyzed a cohort of 130 patients who presented at the clinic with complaints of blurred vision, pain, and headache, ensuring comprehensive coverage during the designated period. **Results**: This study examined 130 patients with LIG, comprising 45 males (34.6%) and 85 females (65.4%), aged 46 to 90 years, with a mean age of 66 years. Seventy-six percent of the patients were rural inhabitants (99 out of 130). Phacomorphic cases accounted for 110 out of 130 (84.6%), while Phacolytic cases comprised 20 out of 130 (15.4%). **Conclusion:** LIG is commonly observed in Sudan, characterized primarily by the Phacomorphic type of glaucoma. Females are impacted more often than males. LIG is frequently observed among the older rural Sudanese population, highlighting the need for increased awareness and health education.**Keywords:** Lens induced glaucoma, Phacomorphic glaucoma, eye, vision, Sudan |