

Facilitators and Barriers to Retinopathy of Prematurity (ROP) Screening in a Tertiary Care Facility: A Mixed-Methods Study

In-Depth Interview Guide: Retinopathy of Prematurity (ROP) Screening

I. General Experience and ROP Knowledge

1. Can you tell us your name, cader and describe your role in the ROP screening process at this facility?
2. What does “effective ROP screening” mean to you within the context of our hospital?

II. Barriers to Effective ROP Screening

3. In your opinion, what are the main challenges or obstacles that limit effective ROP screening in eligible infants?
4. Can you recall a specific situation where a barrier delayed screening or follow-up?

What were the consequences?

5. How do factors such as parental awareness, financial limitations, or logistical issues including transport and scheduling affect the screening process?
6. Are there any equipment or staffing shortages that make ROP screening difficult?

III. Facilitators of Effective ROP Screening

7. What systems, practices, or individual efforts currently support effective ROP screening?
8. Have you observed any successful collaborations between departments such as Neonatology and Ophthalmology that have improved screening uptake?
9. In what ways do existing guidelines and protocols support your work? How could they be strengthened?

IV. Recommendations and Future Directions

10. What changes or interventions would you recommend to improve ROP screening coverage and overall effectiveness at this facility?

11. In your ideal scenario, how would a seamless and fully effective ROP screening program operate?

12. Is there anything else you would like to share about ROP screening that we have not covered?