

MAGN FIX



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6th Edition

CAHOTECH 2021



ARAVIND EYE CARE SYSTEM



6th Edition

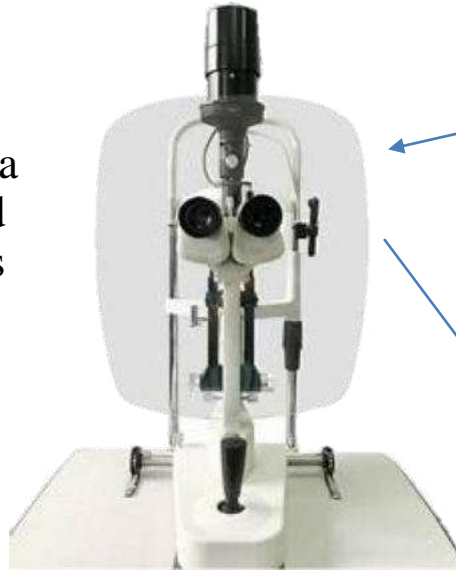
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Problem statement



led to the introduction of a slit lamp shield which prevents aerosol transmission between the doctor and patient.



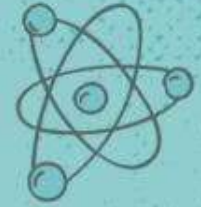
COVID PANDEMIC



Making it difficult for the patients to fixate during ophthalmic examination

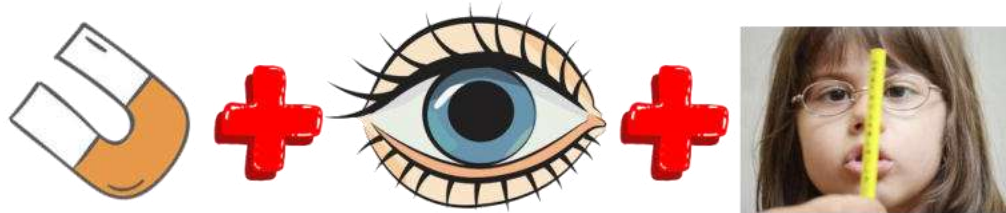


Basic principle

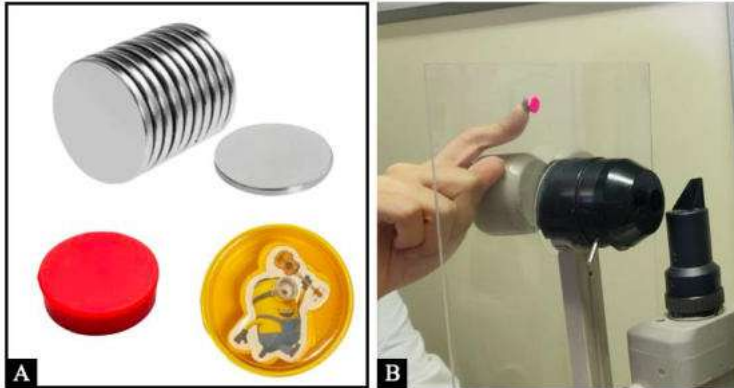


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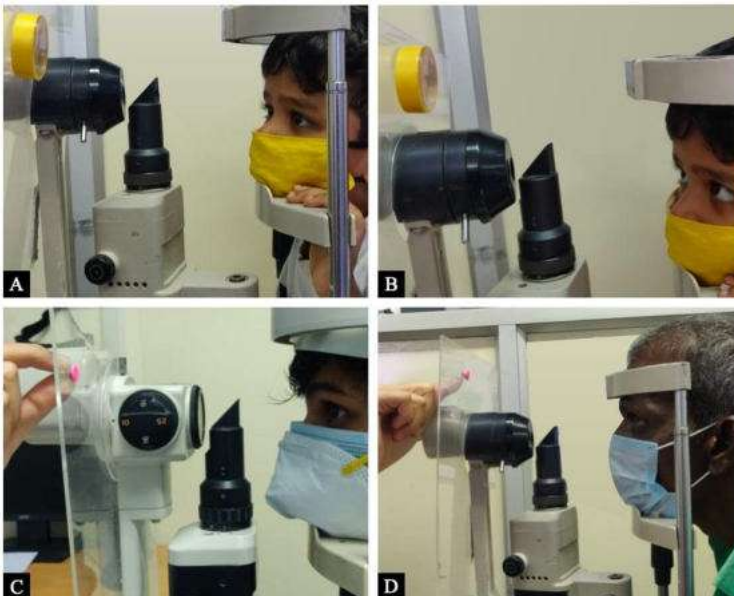
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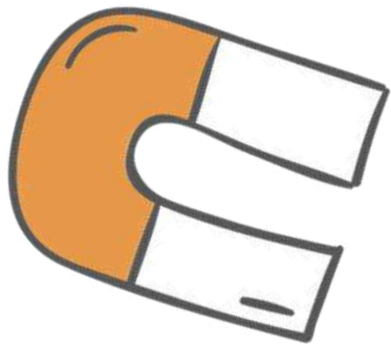


IMPORTANCE & RELEVANCE



- Eye fixation - **pre-requisite** for a careful and proper ocular exam.
- target fixation - **common problem** faced by ophthalmologists.
- due to inability of few patients to **comply with instructions**, lack of a **proper target** or **obstruction** due to movement of the optical portion of the slit lamp, to add even the **safe shield**
- results in **prolonged patient waiting time** and **contact period** between clinician and patient
- Patients tend to have a still gaze when they fixate on a **simple visual target** such as magnifix





THE IMPACT OF MAGNIFIX

- **Target fixation** - corneal foreign body removal, uncooperative patients, and hard of hearing patients, squint patients.
- **Fundus examination** – squint and paediatric patients
- **Visual field testing** - pediatric patients with the help of attractive cartoon magnets.
- **Pilot study** : It was impactful in the ongoing COVID pandemic as it reduced examination time, contact period between clinician and patient with faster turnover between diagnosis to treatment for every patient leading to lesser infection rates in the hospital.
- It is especially beneficial to **reduced patient waiting** time in high volume eye hospitals.



SCALABILITY OF THE PRODUCT



- With the introduction of the slit lamp shield in every ophthalmologist clinic, it can be used in every clinic.
- Pediatric patients are intrigued by the attractive cartoon fridge magnets on the slit lamp and easily follow the movement of the magnifix on the slit lamp and hence makes the slit lamp examination very convenient.
- Magnifix is now a part of every slit lamp in our hospital, and the doctors find it very easy to obtain target fixation of patients.

