

JDMC-IQAC Centre for Extension and Outreach Activities
Community First Initiative
2020-2021

Early Detection and Screening of Retinoblastoma in children

The ongoing sensitization project on 'Early detection and screening of white eye reflex in children' (underprivileged children) was launched in November, 2017. The Department of Human Development and Family Empowerment of Janki Devi Memorial College, has been actively working on Retinoblastoma, a life threatening cancer in children below six years of age. This project was conceptualized by Ms.Nirmala Muralidhar, faculty with the guidance of Dr.Vikas Menon, Consultant Ocular Oncology, Centre for Sight New Delhi.

The students screen the eyes of the children with a smart phone in health centers, anganwadis, construction sites and hospitals. They also sensitize health workers, doctors and parents regarding this disease. Children from this project are referred to Centre for Sight.

The goals of this project are:-

- Screening of eye with smart phone
- Sensitizing health workers & parents about eye cancer and urging them to go for eye checkups
- Public awareness

We have screened more than 6000 children for white eye reflex so far.

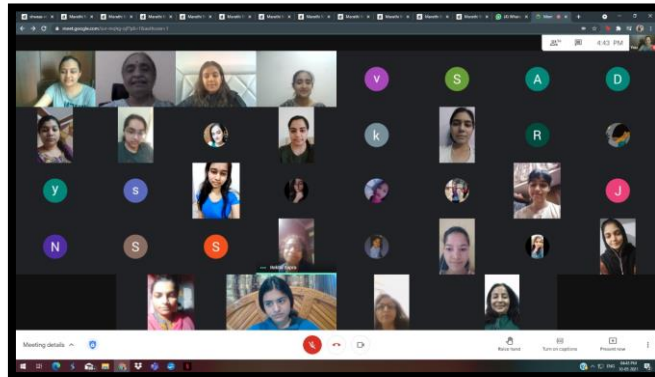
Awareness tools

World Cancer Day Public awareness campaign, badges, placards, pamphlets/flyers, videos, Nukad Natak (Street play), Department. FB Page (<https://www.facebook.com/hdfe123/>), Annual report, Posters, Movie

1. WORLD RETINOBLASTOMA AWARENESS WEEK (MAY 9TH, 2021 – MAY 15TH, 2021)

Department of Human Development and Family Empowerment organized "World Retinoblastoma Awareness week" from May 9th, 2021 to May 15th, 2021. Many activities (in virtual mode) will be done in this week to spread awareness about RB.

Activities like Posters for Public awareness; Screening of movie Shwaas (10th May, 2021); sensitization through video call amidst the pandemic and screening parents on the use of smartphones for Eye screening.



Screening of movie Shwaas (10th May, 2021)



Screening of movie Shwaas (10th May, 2021)



Screening of movie Shwaas (10th May, 2021)

2. SESNSITIZATION ABOUT RETINOBLASTOMA - AUGUST, 2020 - APRIL, 2021



रेटिनोब्लास्टोमा

रेटिनोब्लास्टोमा कैंसर का एक दुर्लभ रूप है जो तेजी से आँख के रेटिना की अपरिपक्व कोशिकाओं से विकसित होता है यह कैंसर मुख्य रूप से 5 साल से कम उम्र वाले बच्चों में होता है रेटिनोब्लास्टोमा एक तरह का कैंसर है जो आँख को प्रभावित करता है। यह जीन म्यूटेशन से जुड़ा हुआ है और 40% तक मामले वंशानुगत होते हैं।

RB के लक्षण

1. आँख में दर्द महसूस होना।
2. आँख में अधिक लालपन आ जाना।
3. दिखाई देने में समस्या का होना।
4. आँख पर रोशनी पड़ने पर पुतली का गुलाबी या सफेद दिखाई देना।
5. आँखों का बाहर उभर आना।
6. आँखें अलग-अलग दिशाओं में दिख रही हों।



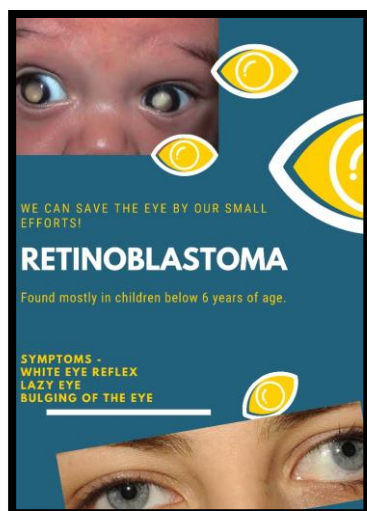


बच्चे में RB का पता माता-पिता स्वयं भी घर बैठे आसानी से लगा सकते हैं। बच्चे में RB का पता स्मार्टफोन द्वारा आसानी से भी लगाया जा सकता है। आपको कम रोशनी में फ्लैशलाइट को खोलकर आँख पर फोकस करके बच्चे की फोटो लेनी होती है यदि आँख में सफेद धब्बा दिखाई दे तो बच्चे को RB यानी रेटिनोब्लास्टोमा की शिकायत हो सकती है उसे शीघ्र ही आँखों के विशेषज्ञ के पास जांच के लिए लेकर जाएं।



"आओ मिलकर देखें एक सपना
रेटिनोब्लास्टोमा मुक्त हो भारत अपना"

"मृतक देह कुछ नहीं खोती,
सेवदान से
मिले नई ज्योति।"



3. WORLD CANCER DAY - FEBRUARY 4TH, 2021

In keeping with the slogan of World Cancer Day, 'I am & I will', the students & faculty of HDFE Department of JDMC & other colleges came together to create awareness on retinoblastoma a life threatening eye cancer in children.

The students of HDFE Department have been working on a community project on 'Early detection and screening of white eye reflex in children' in collaboration with Centre for Sight. With Dr. Vikas Menon, Ocular Oncologist as the Project advisor and Ms. Nirmala Muralidhar, faculty JDMC as the Project coordinator. This year we organised a video competition in collaboration CFS. On February 4th, 2021, Dr. Vikas Menon declared the results of Video completion and shared his experience of judging this competition.

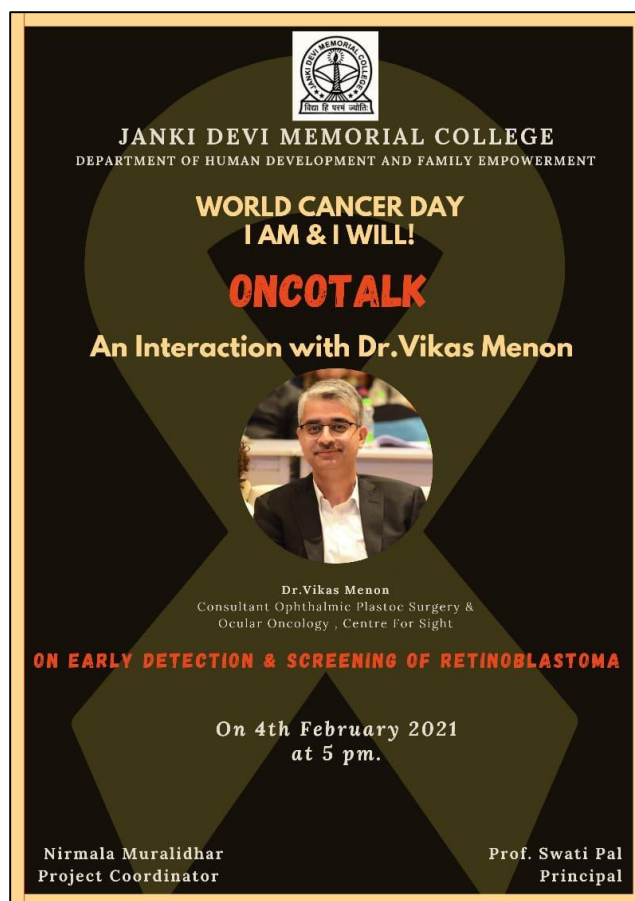
- Winners of the Video competition were:-

1st Position – Amisha, Anchal, Anshika, Ashmita, Niharika, Rupsha, Sneha, Uma, Vaishali and Vidhi Jain (II Year)

2nd Position – Aarzo, Annu, Bhawna Phore, Harshita Bhatia, Himanshi Sehgal, Insha, Kanishka Sharma, Laxmi, Naomi, Neelam, Shivani and Shruti (II Yr)

3rd Position – Amisha Jaryal, Anu Chauhan, Chandna Matta, Deepanshi Harsana, Geeta, Himanshi Kapoor, Saudrakshi Dubey, Shiya Markose, Swati Malura and Yukti Parashar (III Year)

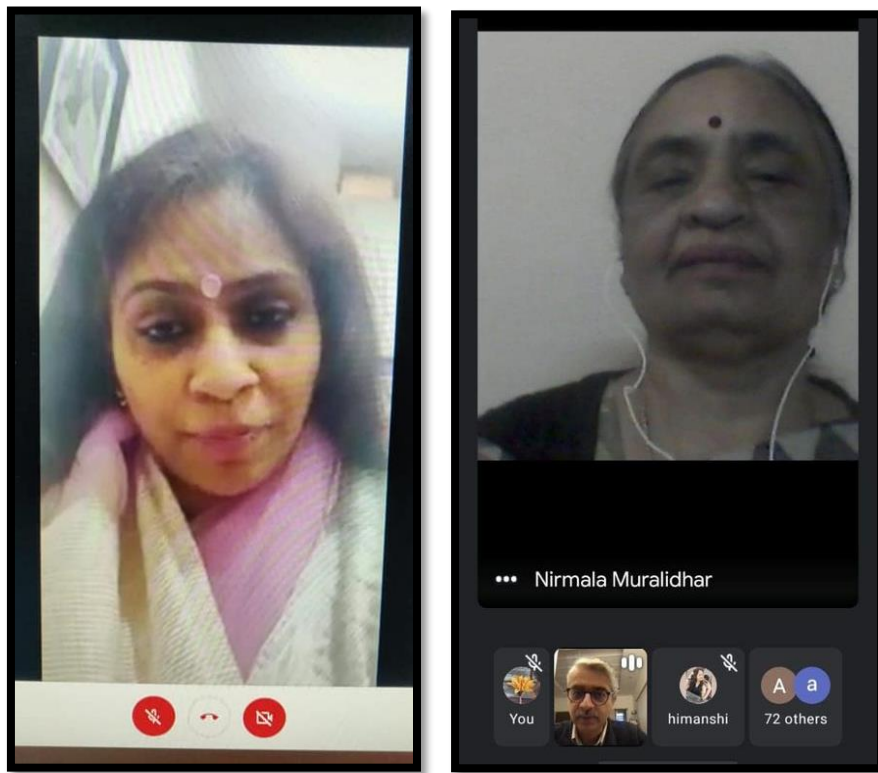
All the participants received certificates of participation.



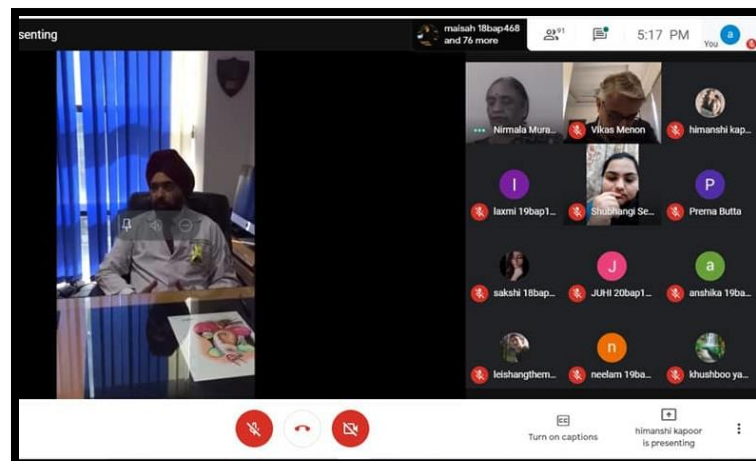
World Cancer Day - February 4th, 2021



World Cancer Day - February 4th, 2021



World Cancer Day - February 4th, 2021



World Cancer Day - February 4th, 2021



World Cancer Day - February 4th, 2021

4. VIDEO COMPETITION – JANUARY 28TH, 2021

Department of Human Development and Family Empowerment, JDMC in collaboration with Centre for Sight organised a Video competition on 'Early Detection and Screening of White Eye Reflex'. Around 64 students from 2nd and 3rd year (HDFE) participated in this competition. The videos were judged by Dr. Vikas Menon (Consultant, Ophthalmic Plastic Surgery, Ocular Oncology, Centre for Sight).

On February 4th, 2020 the results of this Video competition were declared by Dr. Vikas Menon.