WORLD HEARING DAY 2018

WORLD HEARING DAY (3rd MARCH 2018)

On the occasion of World Hearing Day 2018, an ear awareness and screening camp was organized by Ministry of Health and Family Welfare, Government of India in collaboration with Department of Community Medicine and Department of ENT, Maulana Azad Medical College; Department of ENT, Lady Harding Medical College; Department of ENT, Safdarjung Hospital and Society for Sound Hearing at Nirman Bhawan on 1st March 2018. Dr. Promila Gupta, DDG, Ministry of Health & Family Welfare, Government of India, facilitated the conduct of the screening programme. It was inaugurated by Dr. B.D. Athani, Director General of Health Services; Smt. Preeti Sudan, Secretary Health and Mr. Sunil Sharma, Joint Secretary Health, Ministry of Health & Family Welfare, Government of India.

As part of the screening program, 353 beneficiaries were screened. 82.7% of the individuals screened were males while 17.3% were females. The age of the participants varied from 21 years to 69 years. The participants were first screened for any hearing problem using screening proforma which included details of individual's history. This was followed by ear examination by ENT specialists and those requiring audiometric assessment, were further evaluated in a separate room by audiometrists. The audiometric services were provided by ALPS International.

Ear Awareness & Screening Camp:

Target Group- Staff working in Nirman Bhawan, Ministries under Government of India

Participants- 353

Coordinators-

a) Dr. Promila Gupta, DDG, Ministry of Health & Family Welfare, Govt. of India
b) Department of Community Medicine, Maulana Azad Medical College, New Delhi
c) Department of ENT, Maulana Azad Medical College, New Delhi
d) Department of ENT, Lady Harding Medical College, New Delhi
e) Department of ENT, Safdarjung Hospital, New Delhi
f) ALPS International

Advisors-

a) Dr. A.K. Agarwal, Former Addl. Director –General, Ministry of Health & Family Welfare, Govt. Of India, Former Dean, MAMC, New Delhi and President- Sound Hearing 2030
b) Dr. Suneela Garg, Director-Professor & Head, Community Medicine, MAMC, New Delhi and Honorary Secretary General- Sound Hearing 2030
c) Dr. Sunil Kumar, HoD, Department of ENT, Lady Harding Medical College, New Delhi

d) Dr. M. Meghachandra Singh, Director-Professor, Department of Community Medicine, MAMC, New Delhi

Coordinators-

a) Lt. Col. (Dr.) Vipra Mangla (Programme Officer SH 2030)
b) Ms Janki Mehta (Administrative Officer SH 2030)
c) Ms Tripti (Medical Social Worker- ICMR, MAMC)
d) SRs and residents from the Department of Community Medicine, Maulana Azad Medical College, New Delhi
e) Residents from the Department of ENT, MAMC, New Delhi
f) Residents from the Department of ENT, Lady Harding Medical College, New Delhi
g) Residents from the Department of ENT, Safdarjung Hospital, New Delhi

A total of 353 individuals were screened in the camp of which 292 (82.7%) individuals were males and 61 (17.3%) were females.

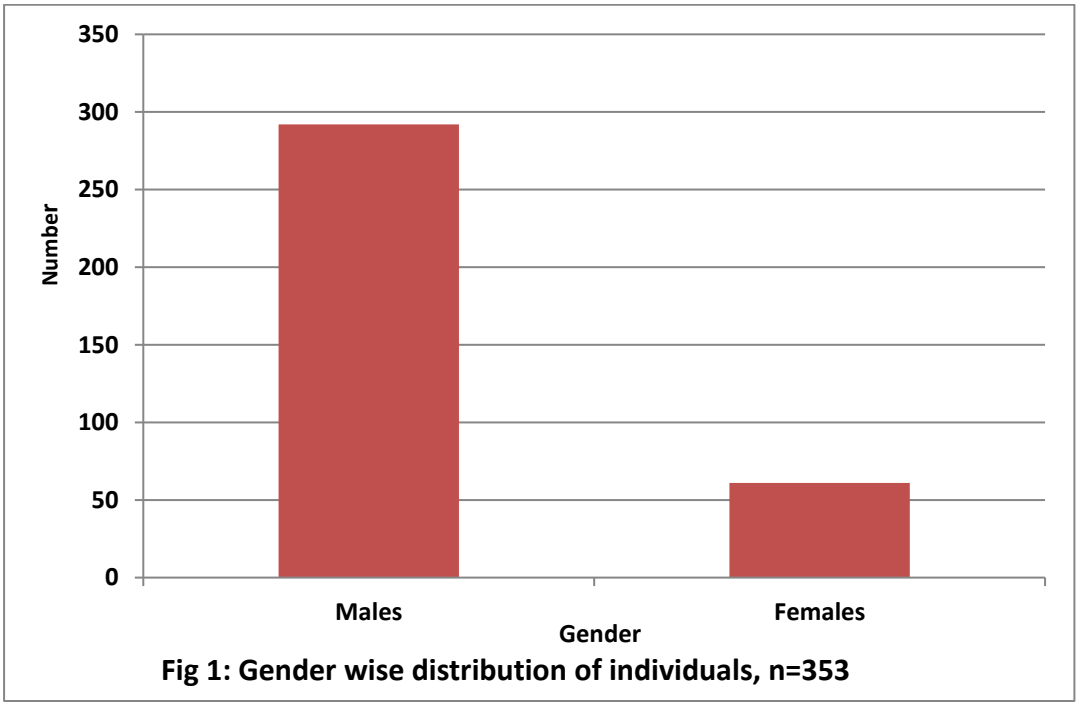
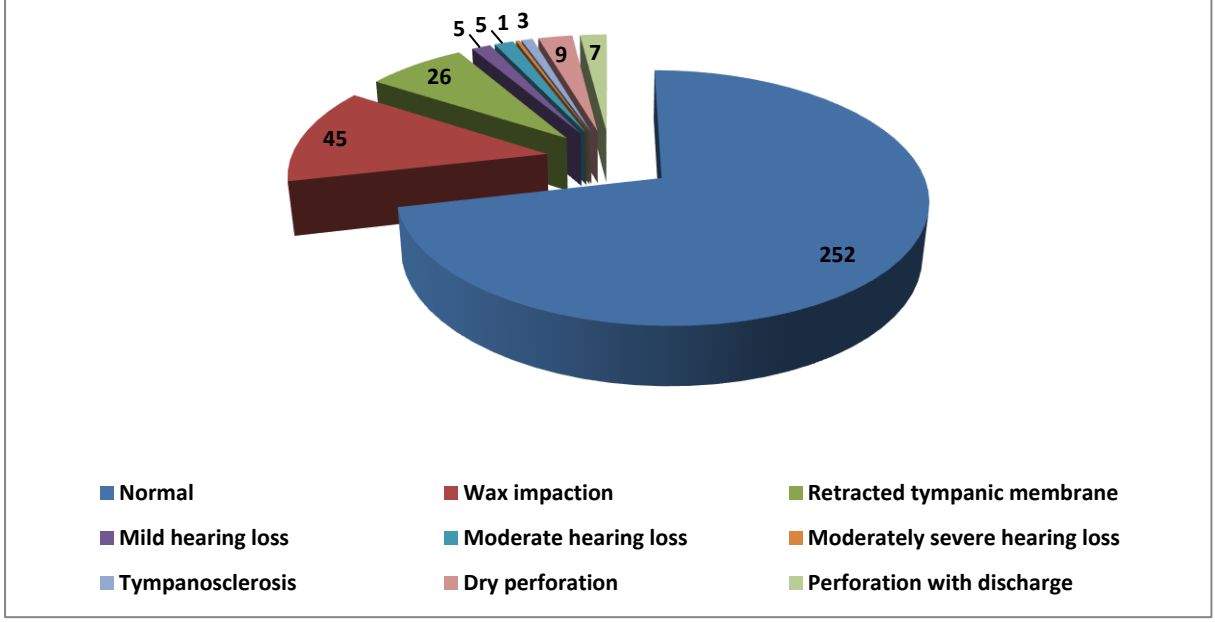


Fig 1: Gender wise distribution of individuals, n=353

252 (71.4%) individuals had normal ear and 101 (28.6%) of the individuals were found to have some form of ear morbidities. The age of the individuals varied from 21 years to 69 years.

The outcome of the screening is summarized as below:-

Fig. 2: Morbidity pattern of the screened subjects, n=353



Of the 101 individuals with ear morbidities, the gender distribution showed that 85 individuals were males (84.1%) and 16 (15.9%) individuals were females.

The distribution of the ear morbidities showed that wax impaction was found in 45 individuals (12.7%), retracted tympanic membrane in 26 (7.4%) individuals, mild hearing loss in 5 (1.4%) individuals, moderate hearing loss in 5 (1.4%) individuals, moderately severe hearing loss in 1 (0.3%) individual, perforation with discharge in 7 (2%) individuals, tympanosclerosis in 3 (1%) individuals and dry perforation in 9 (2.4%) individuals.

All the beneficiaries screened were counselled by doctors from Maulana Azad Medical College, Delhi and Lady Harding Medical College. Audiometric assessment of the patients was also carried out and those found to be suffering from ear problems were referred for further treatment to Government hospitals in Delhi.

The list of resource persons, screening proforma and photographs of the event have been attached as Appendix below.

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LIST OF RESOURCE PERSONS IN THE CONDUCT OF SCREENING CAMP

S No.	NAME	DESIGNATION
1.	Dr. A.K. Agarwal	ENT Consultant & Ex-Dean MAMC, New Delhi and President- Sound Hearing 2030
2.	Dr. Suneela Garg	Director-Professor and Head, Community Medicine ,MAMC, New Delhi and Honorary Secretary General- Sound Hearing 2030
3.	Dr. Sunil Kumar	HoD, Department of ENT, LHMC, New Delhi
4.	Dr. M. Meghachandra Singh	Director Professor, Community Med. MAMC, New Delhi
5.	Lt. Col. (Dr.) Vipra Mangla	Ph.D scholar, MAMC, New Delhi
6.	Dr. Neha Dahiya	Senior Resident, Community Medicine MAMC, New Delhi
7.	Dr. Kajok Engtipi	Senior Resident, Community Medicine, MAMC, New Delhi
8.	Dr. Ruchir Rustagi	PG 3rd year, Community Medicine, MAMC, New Delhi
9.	Dr. Shraddha Deokota	PG 3rd year, Community Medicine, MAMC, New Delhi
10.	Dr. Saurav Basu	PG 3rd year, Community Medicine, MAMC, New Delhi
11.	Dr. Kavita Aggarwal	PG 3rd year, Community Medicine, MAMC, New Delhi
12.	Dr. Ruchika Juneja	Senior Resident, ENT, MAMC, New Delhi
13.	Dr. Arif K.N.	Senior Resident, ENT, MAMC, New Delhi
14.	Dr. Vishaka B.L.	Senior Resident, ENT, Lady Harding Medical College, New Delhi
15.	Dr. Sudhagar M.E.	Senior Resident, ENT, Lady Harding Medical College, New Delhi
16.	Mr. Anup Narang	Director, ALPS International, New Delhi
17.	Ms Shilpi Narang	Special Educator, ALPS International, New Delhi
18.	Mr. Sanjay Verma	Audiologist, ALPS International, New Delhi
19.	Mr. Deepak Verma	Audiologist, ALPS International, New Delhi
20.	Mr. Ashutosh Pandey	Audiologist, ALPS International, New Delhi
21.	Mr. Swadesh Mishra	Audiologist, ALPS International, New Delhi
22.	Ms. Janki Mehta	Admin. Officer-SFSH, MAMC, New Delhi
23.	Ms. Tripti	Medical Social Worker- ICMR, MAMC, New Delhi
24.	Mr. Vinay Baberwal	Data Entry Operator- ICMR, MAMC, New Delhi

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MINISTRY OF HEALTH AND FAMILY WELFARE, GOVERNMENT OF INDIA, NEW DELHI
SCREENING PROFORMA

Patient information
Name of the Patient _____
Age_____ Gender_____ Contact number _____

History:
_____
_____

EAR EXAMINATION FINDINGS

S. No	Ear Examination	Right Ear	Left Ear
1.	Normal ear	Yes=1 No=2	Yes=1 No=2
2.	Impacted wax	Yes=1 No=2	Yes=1 No=2
3.	Ear discharge	Yes=1 No=2	Yes=1 No=2
4.	Inflammation of canal walls	Yes=1 No=2	Yes=1 No=2
5.	Foreign body/ies in ear canal	Yes=1 No=2	Yes=1 No=2
6.	Fungus in the ear canal	Yes=1 No=2	Yes=1 No=2
7.	Canal atresia	Yes=1 No=2	Yes=1 No=2
8.	Dry perforation	Yes=1 No=2	Yes=1 No=2
9.	Perforation with discharge	Yes=1 No=2	Yes=1 No=2
10.	Cholesteatoma/retraction pocket	Yes=1 No=2	Yes=1 No=2
11.	Retracted TM	Yes=1 No=2	Yes=1 No=2
12.	Middle ear effusion	Yes=1 No=2	Yes=1 No=2
13.	Inflammed tympanic membrane	Yes=1 No=2	Yes=1 No=2
14.	Any other (describe) If yes; describe	Yes=1 No=2	Yes=1 No=2
15.	Tympanometry: Type of curve:	A-1/A-2/C-3/A_S-4/A_D -5	A-1/A-2/C-3/A_S-4/A_D -5

AUDIOMETRIC FINDINGS

Frequency (Hz)	500	1000	2000	4000	6000	8000
Hearing Threshold Right Ear(dB)	1	2	3	4	5	6
Hearing Threshold Left Ear (dB)	1	2	3	4	5	6

TREATMENT / RECOMMENDATION

1.	No action (Tick if applicable)
2.	Medication advised (If yes, please specify)
3.	Recommended for hearing aid fitting (If yes, please specify)
4.	Referred to ENT specialist for evaluation (If yes, please specify)
5.	Any other, specify

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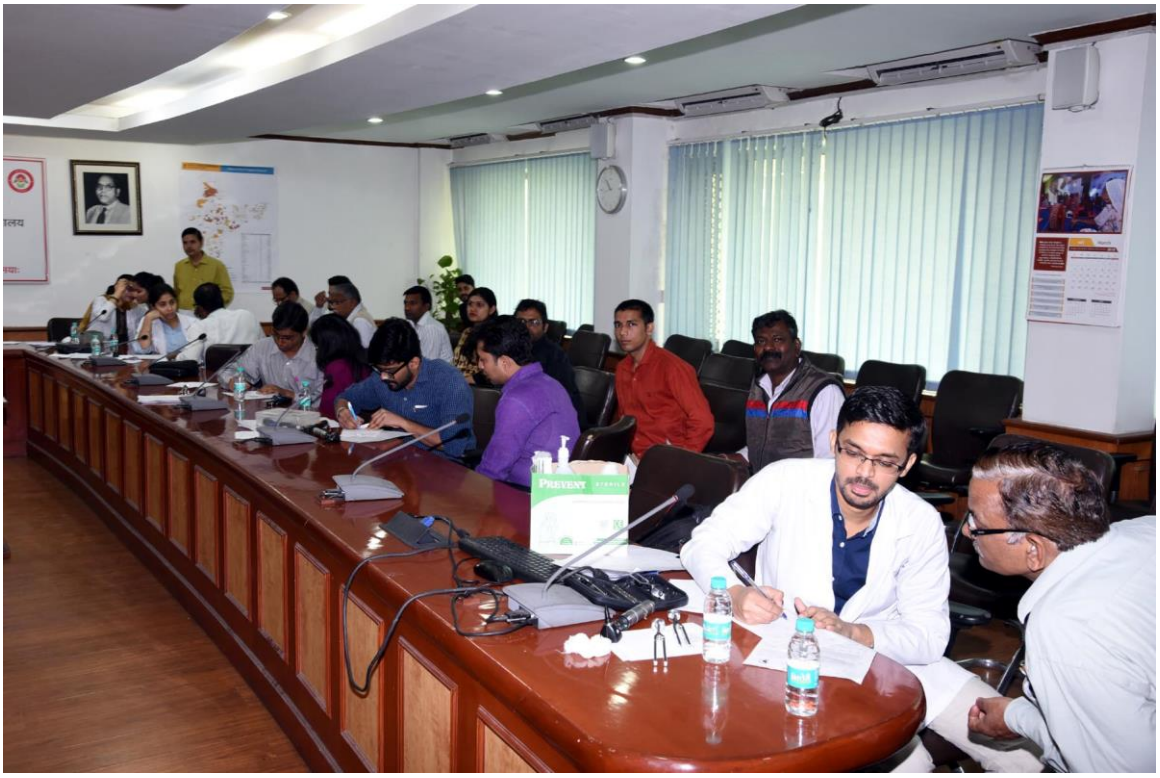

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