WORLD HEARING DAY 2019

WORLD HEARING DAY (3rd MARCH 2019)

On the occasion of World Hearing Day 2019, 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 Hardinge Medical College; Department of ENT, Safdarjung Hospital, Department of ENT- AIIMS and Society for Sound Hearing at Nirman Bhawan on 5th March, 2019. Dr. Promila Gupta, Principal Consultant, Ministry of Health & Family Welfare, Government of India, facilitated the conduct of the screening programme. It was inaugurated by Dr.Venkatesh S, Director General of Health Services and Mrs. Preeti Sudan, Secretary Health, Ministry of Health & Family Welfare, Government of India

As part of the screening program, 195 beneficiaries were screened. 137 of the individuals screened were males while 58 were females. The age of the participants varied from 20 years to 65 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-
Coordinators-

a) Dr. Promila Gupta,Principal Consultant, 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) Department of ENT, AIIMS, New Delhi
g) 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. M. Meghachandra Singh, Director-Professor, Department of Community Medicine, MAMC, New Delhi
d) Dr. G.S Meena, 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 Indu (Medical Social Worker, 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
h) Residents from the Department of ENT, AIIMS Hospital, New Delhi

A total of 195 individuals were screened in the camp of which 137(70.3%) individuals were males and 58 (29.7%) were females.

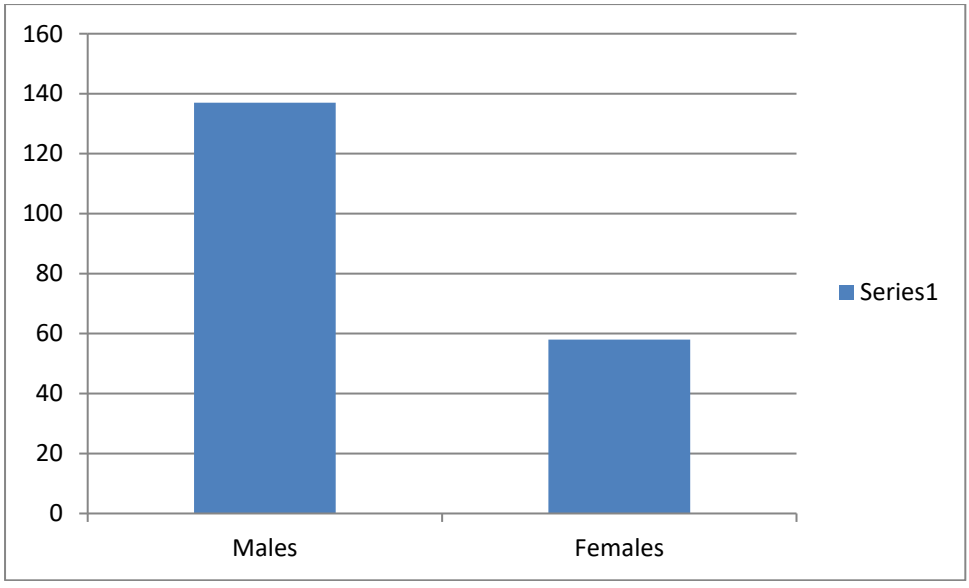

Fig: 1: Distribution of Males and females screened.

The outcome of the screening is summarized as below for the right ear:-

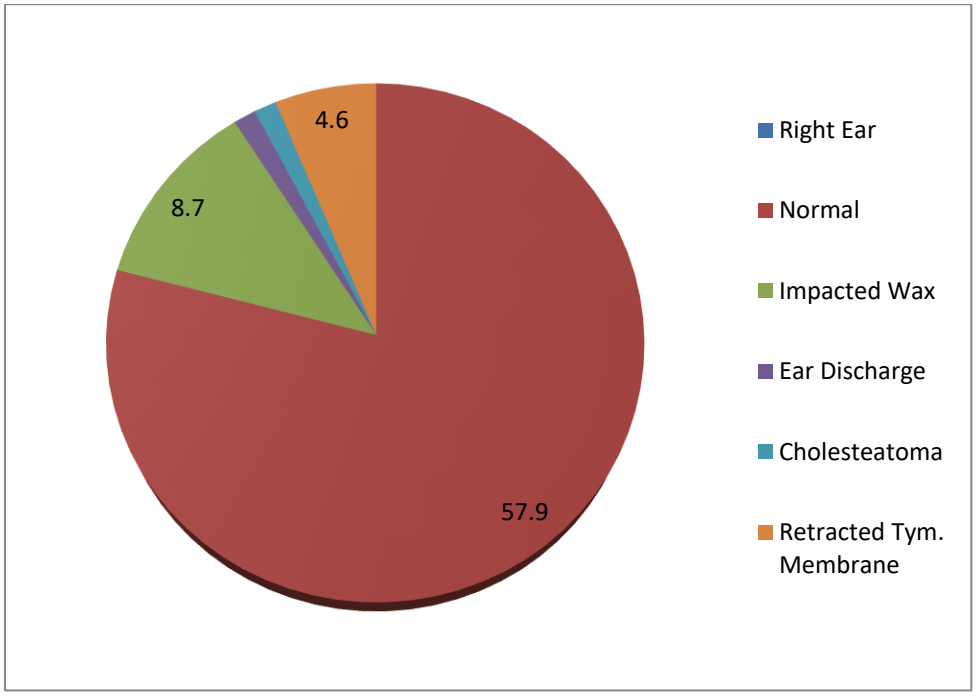

Fig: 2: Right Ear Morbidity Pattern

57.9% individuals had normal right ear amongst those screened. The distribution of the ear morbidities showed that wax impaction was found in 17 individuals (8.7%), retracted tympanic membrane in 9 (4.6%) individuals, ear discharge in 2 individuals (1.02%) and cholesteatoma in 2 indiviuals i.e 1.02%.

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The outcome of the screening is summarized as below for the left ear:-

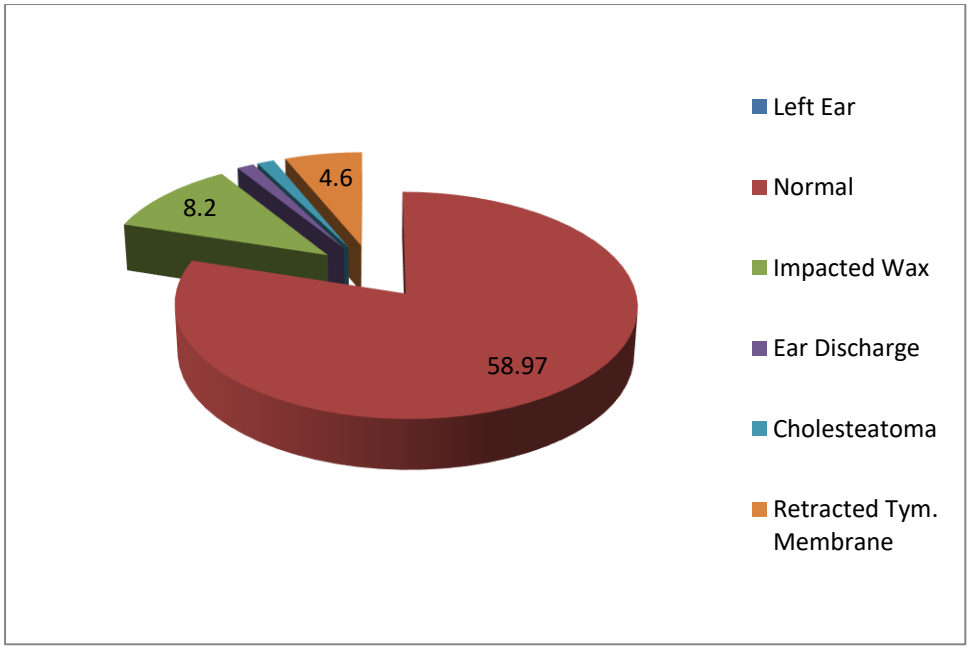

Fig: 3: Left Ear Morbidity Pattern

58.92% individuals had normal left ear amongst those screened. The distribution of the ear morbidities showed that wax impaction was found in 16 individuals (8.2%), retracted tympanic membrane in 9 (4.6%) individuals, ear discharge in 2 individuals (1.02%) and cholesteatoma in 2 indiviuals i.e 1.02%.

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. G.S Meena	Director Professor, Community Med. MAMC, 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. Kajok Engtipi	Senior Resident, Community Medicine MAMC, New Delhi
7.	Dr. Nidhi Budh	Senior Resident, Community Medicine, MAMC, New Delhi
8.	Dr. Ekta Arora	Senior Resident, Community Medicine, MAMC, New Delhi
9.	Dr. Ankit	PG 1st year, Community Medicine, MAMC, New Delhi
10.	Dr. Navya	PG 1st year, Community Medicine, MAMC, New Delhi
11.	Dr. Aakash	PG 1st year, Community Medicine, MAMC, New Delhi
12.	Dr. Shweta Gupta	Senior Resident, ENT, MAMC, New Delhi
13.	Dr. Sanjeev Yadav	Lady Harding Medical College, New Delhi
14.	Dr. Poonam Sagar	Lady Harding Medical College, New Delhi
15.	Dr. Ankur Gpta	RML Hospital, New Delhi
16.	Dr. Sanjay Kumar	RML Hospital, New Delhi
17.	Dr. Nihar Topno	Safdarjung Hospital, New Delhi
18.	Dr. Karan Aggarwal	Senior Resident, AIIMS, New Delhi
19.	Dr. Jishia C. Shagi	Senior Resident, AIIMS, New Delhi
20.	Dr. Tilak Raj Singh	Safdarjung Hospital, New Delhi
21.	Mr. Anup Narang	Director, ALPS International, New Delhi
22.	Ms Shilpi Narang	Special Educator, ALPS International, New Delhi
23.	Mr. Sanjay Verma	Audiologist, ALPS International, New Delhi

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24.	Mr. Deepak Verma	Audiologist, ALPS International, New Delhi
25.	Mr. Ashutosh Pandey	Audiologist, ALPS International, New Delhi
26.	Mr. Swadesh Mishra	Audiologist, ALPS International, New Delhi
27.	Ms. Janki Mehta	Admin. Officer-SFSH, MAMC, New Delhi
28.	Ms. Indu	Medical Social Worker, MAMC, New Delhi
29.	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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World Hearing Day Celebration in Health Centers associated with MAMC

Hearing screening and awareness camps were organized on 02.03.2019 in various Health Centers like Gokalpuri, Delhi gate, BVK, Barwala in view of World Hearing Day i.e 03.03.2019 with a theme of "Check your Hearing" .

Anganwadi workers were addressed regarding the importance of hearing care and to create awareness among people for the same.

Health talk regarding creating awareness about the rising menace of hearing problems as well as the symptomatology and prevention of hearing problems was deliberated to the Mothers and Anganwadi workers by Interns, Postgraduate students and Senior Residents.

Screening of children was done using Questionnaire based assessment (respondents were mothers) as well as assessment using "HEARWHO" App. Those who were screened positive for hearing problems were referred to nearby higher center for further diagnosis and management.

25 children were screened using questionnaire based assessment and 5 were screened by HEARWHO app. Out of all those screened, 2 were screened positive and were referred to higher center for further management.

Refreshments were given to all who participated as well as to all the children in the Anganwadi center.

IEC material highlighting the need for EAR Care was displayed at all centers as well as in all the associated Anganwadi centers.

Poster Competition was arranged with the above theme wherein all the interns and staff (Lady Health Visitor, Public Health Nurse) participated and prepared charts.

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