ANNEXURE

List of Publications / Presentations

ICD codes
Questionnaire
Brochure
List of Publications / Presentations

Publications

1. Trends of Head and Neck Cancers in Urban and Rural India
   

2. Role of Dental Practitioners in Early Detection of Oral Cancers and Precancers
   
   Dr. J Kalavathy Elango, Dr. Moni Abraham Kuriakose, Head and Neck Institute, Amrita Institute of Medical Sciences, Kochi. BIDA (Bulletin of Indian Dental Association), Kochi, Vol: 15, April, 2007

3. Factors affecting oral cancer awareness in a high-risk population in India
   
   
   Manuscript accepted for publication in April 2009–Asia Pacific Journal of Cancer Prevention

4. Role of Human Papilloma Virus in oral tongue cancers
   
   J. Kalavathy Elango, Amritha Suresh, E.M. Elango, K.R. Sundaram, S. Laksmi, Rakesh, Moni Abraham Kuriakose
   
   Manuscript under preparation to be submitted to Oral Oncology

5. Oral self examination for increase in awareness of oral cancer and early detection
   
   J. Kalavathy Elango, K.R. Sundaram, Moni Abraham Kuriakose
   
   Manuscript under preparation to be submitted to Oral Oncology

6. Risk profile of head and neck cancer in a high risk population
   
   J. Kalavathy Elango, Alex, Gangadharan, K.R. Sundaram, Moni Abraham Kuriakose
   
   Manuscript under preparation to be submitted to Asia Pacific Journal of Cancer Prevention
Presentations

1. **Best Presentation Award**

Women Scientists Workshop on “Sensitization of Women Scientists – a DST Initiative” during 7&8 December 2004 at Cochin.

2. **Planning an International Oral Cancer Chemoprevention Trial**


3. **Trends of Head and Neck Cancers in Urban and Rural India**

**J. Kalavathy Elango**, Moni. A. Kuriakose

*Best paper presentation*, Foundation for Head and Neck oncology during the National Conference held in Hyderabad on 4-6 Jan 2005

4. **Oral cancer awareness in high-risk population in India**


*Awarded with scholarship to attend the conference*

5. **Assessment of oral self-examination for early detection of oral cancers and precancers in a high-risk rural population**

**J.K. Elango**, S. Iyer, M. Kuriakose

Oral presentation in the 7th International Conference on Head and Neck Cancer, San Francisco, 2008

6. **Oral self-examination for increase in awareness of oral cancers in a high-risk rural population.**

**J. Kalavathy Elango**, K. Subramania Iyer, Moni. A. Kuriakose,
Oral presentation in the Swadeshi Science Congress, Trivandrum, 2008.

7. **Oral self-examination for increase in awareness of oral cancers in a high-risk population.**

JK Elango, S Iyer, MA Kuriakose

Accepted for poster presentation in the 2nd World Congress of the International Academy of Oral Oncology to be held in Toronto, July 2009.
ICD Codes

The ICD codes which are applicable to Head and Neck Cancers are given below

ICD 0-3

<table>
<thead>
<tr>
<th>Tissue</th>
<th>ICD Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tongue</td>
<td>C019-C029</td>
</tr>
<tr>
<td>Floor of Mouth</td>
<td>C040-C049</td>
</tr>
<tr>
<td>Gum and Other Mouth</td>
<td>C030-C039, C050-C059, C060-C069</td>
</tr>
<tr>
<td>Tonsil</td>
<td>C090-C099</td>
</tr>
<tr>
<td>Oropharynx</td>
<td>C100-C109</td>
</tr>
<tr>
<td>Hypopharynx</td>
<td>C129, C130-C139</td>
</tr>
<tr>
<td>Other Oral Cavity and Pharynx</td>
<td>C140, C142-C148</td>
</tr>
</tbody>
</table>

ICD-10

C00 - Lip
C01-02 - Tongue
C03-06 - Mouth
C03 - Gum
C04 - Floor of the mouth
C05 - Palate
C06 - Other & unspecified parts of mouth
C09-14 - Pharynx
C09 - Tonsil
C10 - Oropharynx
C12 - Pyriform sinus
C13 - Hypopharynx
C14 - Ill-defined parts of pharynx

ICD-9

140 - Lip
141 - Tongue
142 - Salivary glands
143 - Gum
144 - Floor of the mouth
145 - Other & unspecified parts of mouth
146 - Oropharynx
147 - Nasopharynx
148 - Hypopharynx
149 - Ill defined parts of lip, oral cavity & pharynx
161 - Larynx
Questionnaire

The questions from the master questionnaire were grouped as given below for analysis.

**A. Awareness**

1. Have you heard about mouth cancer?
2. Do you know anyone who has mouth cancer?
3. Is oral cancer a contagious disease?
4. Can smoking cause mouth cancer?
5. Can alcohol cause mouth cancer?
6. Does pan chewing cause mouth cancer?
7. Do you think that tobacco chewing can cause mouth cancer?
8. Do you think that gutka chewing can cause mouth cancer?
9. Is poor oral health a cause of mouth cancer?
10. Do you think that mouth cancer is a curable disease?
11. Do you think that mouth cancer can be detected early?
12. Do you think that early detection of mouth cancer can improve chances of cure?
13. Can changes in the lifestyle reduce the risk of developing cancer?

**B. Habits:**

14. Do you have the habit of smoking?
15. Do you have the habit of pan/tobacco chewing?
16. Do you sleep with quid in mouth?
17. Do you have the habit of drinking alcohol?
18. Have you ever-practiced oral self-examination?
AMRITA INSTITUTE OF MEDICAL SCIENCES - COCHIN

Assessment of oral self-examination for early detection of oral cancers & pre-cancers in a high-risk rural population

Sponsor: Science & Society Division, Department of Science and Technology, New Delhi.

Name: ____________________________ Age: ______ Sex: M / F

Address: ____________________________ Ward No: ____________________________
________________________________________ House No: ____________________________
________________________________________ Individual No: ____________________________

Religion: Hindu/ Muslim/ Christian

Education: Nil/ Primary/ Middle/ High school/ Plus two/ Degree/ PG

Occupation: ____________________________

Monthly Family Income: < 2500/ 2501-5000/ 5001-7500/ 7501-10000/ 10001 and above

A. Habits:

1. Do you have the habit of smoking? [Yes] [No]

   If Yes,

<table>
<thead>
<tr>
<th>Type</th>
<th>Age started</th>
<th>Frequency/ day (No:)</th>
<th>No: of yrs.</th>
<th>If stopped, since how many years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bidi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cigarettes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others, specify</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2. Do you have the habit of pan/tobacco chewing?  
   Yes  |  No

If yes,

<table>
<thead>
<tr>
<th>Type</th>
<th>Age started</th>
<th>Frequency/day (No: of times)</th>
<th>Duration of quid in mouth (Min)</th>
<th>No: of years</th>
<th>If stopped, since how many years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pan only</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pan + tobacco</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gutkha</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pan masala</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others, specify</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Do you sleep with quid in mouth?  Yes  |  No

4. Do you have the habit of drinking alcohol?  Yes  |  No

If yes,

<table>
<thead>
<tr>
<th>Type</th>
<th>Age started</th>
<th>Quantity/day (ml)</th>
<th>No: of yrs.</th>
<th>If stopped, since how many years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toddy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alcohol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others, specify</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Is anybody in your house a tobacco user?  Yes/No  
   If yes, smoker/chewer

B. Awareness

6. Have you heard about cancer?  Yes/No  
   If Yes, what cancer- Skin cancer/ Prostate cancer/ Breast cancer/ Cervix cancer/ Lung cancer/ Colon cancer/ Others specify

7. Anybody in your house has/had cancer  Yes/No. If yes, site
8. Have you heard about mouth cancer? Yes/No
9. Do you know anyone who has mouth cancer? Yes/No
10. Is oral cancer a contagious disease? Yes/No
11. Can smoking cause mouth cancer? Yes/No
12. Can alcohol cause mouth cancer? Yes/No
13. Does pan chewing cause mouth cancer? Yes/No
14. Do you think that tobacco chewing can cause mouth cancer? Yes/No
15. Do you think that gutka chewing can cause mouth cancer? Yes/No
16. Is poor oral health a cause of mouth cancer? Yes/No
17. Do you think that mouth cancer is a curable disease? Yes/No
18. Do you think that mouth cancer can be detected early? Yes/No
19. Do you think that early detection of mouth cancer can improve chances of cure? Yes/No
20. Can changes in the lifestyle reduce the risk of developing cancer? Yes/No
21. Do you clean the mouth after food intake? Yes/No
22. How frequently do you brush your teeth in a day? Once in a day/ Twice in a day/ No brushing
23. What do you use for brushing the teeth? Tooth paste/ tooth powder/ tobacco powder
24. Food Habits: Veg / Veg.+egg / Veg.+fish/ Non-Veg.+ other
25. Have you ever-practiced oral self-examination? Yes/No
If yes, do you have the following lesions:

I. White patch. Yes/No if yes, how long _____ Site:______________
II. Red patch. Yes/No if yes, how long _____ Site:______________
III. Non-healing ulcer in mouth. Yes/No if yes, how long _____ Site:______________
IV. Burning sensation in mouth Yes/No if yes, how long _____ Site:______________
V. Difficulty in opening mouth. Yes/No if yes, how long _____
VI. Bleeding gums Yes/No if yes, how long _____

If no, the reason: Not interested / Not bothering/ Don’t know about oral self exam

To be filled by health worker (after examining the mouth)

➢ Stained teeth/ Edentulous/ Caries teeth
➢ Number of missed teeth due to Oral or Tooth infection____________________
➢ Specify lesions and type if any:
   I. White patch. Yes/No if yes, Site:____________________________________
   II. Red patch. Yes/No if yes, Site:____________________________________
   III. Non-healing ulcer in mouth. Yes/No if yes, Site:_____________________
   IV. Difficulty in opening mouth. Yes/No if yes, how long _________________
   V. Bleeding gums Yes/No if yes, how long _______________
➢ Tobacco stains: Yes / No

Referred to screening clinic: Yes No
________________________
Signature of the Health worker
Date:

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