Oral Cancer and Georgia

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It is estimated that 40,250 men and women (28,540 men and 11,710 women) will be diagnosed with and 7,850 men and women will die of cancer of the oral cavity and pharynx in 2012 in the United States.
What about Georgia?

- 2008 stats show that >1000 Georgians diagnosed with oral cancer
- 2/3 of patients were white
- 2/3 patients were male
5-Year Rate Changes - Incidence
Georgia, 2005-2009
All Ages, Both Sexes, All Races (incl Hisp)

All Cancer Sites
Colon & Rectum
Esophagus
Lung & Bronchus
Leukemia
Melanoma of the Skin
Non-Hodgkin Lymphoma
Ovary
Brain & ONS
Prostate
Bladder
Cervix
Breast (Female)
Pancreas
Oral Cavity & Pharynx
Stomach
Kidney & Renal Pelvis
Liver & Bile Duct
Breast (in situ)
Uterus
Thyroid

Average Annual Percent Change
CREATED BY StateCancerProfiles.Cancer.Gov ON 07/01/2012 1:42 PM.
Oral Cancer in Georgia

Early Diagnosis  Late Diagnosis

GA Dept of Public Health
### Stage Distribution and 5-year Relative Survival by Stage at Diagnosis for 2002-2008, All Races, Both Sexes

<table>
<thead>
<tr>
<th>Stage at Diagnosis</th>
<th>Stage Distribution (%)</th>
<th>5-year Relative Survival (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Localized (confined to primary site)</td>
<td>32</td>
<td>82.4</td>
</tr>
<tr>
<td>Regional (spread to regional lymphnodes)</td>
<td>47</td>
<td>57.3</td>
</tr>
<tr>
<td>Distant (cancer has metastasized)</td>
<td>16</td>
<td>34.9</td>
</tr>
<tr>
<td>Unknown (unstaged)</td>
<td>6</td>
<td>50.5</td>
</tr>
</tbody>
</table>
Cost of Treating Oral Cancer

The cost burden of oral, oral pharyngeal, and salivary gland cancers in three groups: commercial insurance, medicare, and medicaid

Jed J Jacobson, Joel B Epstein, Frederick C Eichmiller, Teresa B Gibson, Ginger S Carls, Emily Vogtmann, Shaohung Wang and Barbara Murphy  Head and Neck Oncology 2012, 4:15
Total annual health care spending for OC/OP/SG patients during the year after the index diagnosis was $79,151 for the Commercial population.
Cost of Treating Oral Cancer

Health care costs were higher for OC/OP/SG cancer patients with:
Commercial Insurance: $71,732
Medicare: $35,890
Medicaid: $44,541
than the comparison group (all p < 0.01)
Cost of Treating Oral Cancer

Multimodality treatment was twice the cost of single modality therapy. Those patients receiving all three treatments (surgery, radiation, and chemotherapy) had the highest costs of cost of care, from $96,520 in the Medicare population to $153,892 in the Commercial population.
Cancer – still early, but...
Area most commonly seen in smokers
Progression of disease
Carcinoma
HIV+ with oral cancer
34F with early cancer
25M with advanced cancer
15 year old female