Evidence Based Guideline for First Course of Treatment for Melanoma

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Introduction

• **Purpose:**
  - Evaluate compliance with NCCN guideline recommendation for first course of treatment for melanoma. Identify patients who underwent treatment at Mosaic from January 01, 2014 until December 31, 2016.

- **Criteria:**
  • Stage1-4
  • Lymph node
  • Surgical Margin
  • First Course of Tx
Results:

• Summary & Results

• N = 107 (2015 = 31, 2016 = 49, 2017 = 27)
  • 10 patients lost to follow up or not enough data to determine
  • 31 cases were Melanoma in-situ (2015 – 3 cases, 2016 – 16 cases, 2017 – 12 cases)

• Remaining n=66 with Stage I, II, III or IV malignant melanoma

<table>
<thead>
<tr>
<th>DATA Summary</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concordant with NCCN Guidelines</td>
<td>19 cases</td>
<td>30 cases</td>
<td>11 cases</td>
</tr>
<tr>
<td>Not Concordant with NCCN Guidelines due to</td>
<td>4 cases</td>
<td>0 cases</td>
<td>2 cases</td>
</tr>
<tr>
<td>Patient Refusal of NCCN Guideline Based Therapy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Concordant with NCCN Guidelines</td>
<td>0 cases</td>
<td>0 cases</td>
<td>0 cases</td>
</tr>
<tr>
<td>Total</td>
<td>23 cases</td>
<td>30 cases</td>
<td>13 cases</td>
</tr>
</tbody>
</table>

• When patients proceeded with provider recommendations, 100% of cases were concordant with the NCCN guidelines for 1st treatment of melanoma.