Increasing Lung Cancer Screening Uptake in Eligible Adults:

Do We Know What Works?

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Overview

• Continuum of Care in Lung Cancer
• What is Lung Screening?
• Quality Triad
• Power of Navigation
• Multi-disciplinary Care in Screening Programs
• Keys to Program Growth
Continuum of Care in Lung Cancer

Outreach
- Lung Screening
- Community Education
- Smoking cessation

Multi-disciplinary Care
- Navigation
- Synchronous MDC
- All specialties

Survivorship
- Surveillance
- Health Maintenance

PATIENT JOURNEY
### Lung Screening

<table>
<thead>
<tr>
<th>IS NOT</th>
<th>IS</th>
</tr>
</thead>
<tbody>
<tr>
<td>• A simple full-dose CT scan of the chest</td>
<td>• A <em>series</em> of low-dose CT scans of the chest creating a “movie” of the lungs over time</td>
</tr>
<tr>
<td>• A one-time order</td>
<td>• Requires a long-term commitment by the patient</td>
</tr>
<tr>
<td>• Results managed by a single person who ordered the test</td>
<td>• Requires multi-disciplinary management of subtle changes</td>
</tr>
<tr>
<td>• Short-term outlook for a diagnosis</td>
<td>• Management of changes requires judgement, discipline and consistency</td>
</tr>
</tbody>
</table>
Lung Screening

CT of the chest
• You have a problem now that we need to define with an X-ray.
• I will help us make a diagnosis.

Lung Screening
• You are at risk for a problem in the future.
• That future risk requires that we scan your lungs now at low doses, and regularly into the future until no longer eligible.
• A team will manage your results.
• The patient and the institution are “all in.”
Quality Triad of Lung Screening

• Navigation
• Multi-disciplinary Care
• ACR designation in Lung Cancer Screening

• Georgia Lung Cancer Roundtable
  • 2019 Poster Session, NLCRT
Navigation

sine qua non of a vibrant program

• The glue that keeps all parties together and aligned
• The SME on Lung Screening
• The patient manager
  • The educator
  • Results communicator
  • Navigator through the experience
  • Provider of emotional support
• Primary Care liaison
• Community outreach
Navigation

the face of your program

• Energetic
• Self-starter
• Self-confident
• Good communicator
• Convener and leader
• Compassionate
• Details *and* big picture
## Multi-disciplinary Care

<table>
<thead>
<tr>
<th>Virtual Team</th>
<th>Synchronous Team</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Navigator manages positive findings by phone, text, or email with various</td>
<td>• Navigator <em>and patient</em> meet with MDT members together</td>
</tr>
<tr>
<td>team members</td>
<td>• Patient is seen by all MDT members in real time</td>
</tr>
<tr>
<td>• Patient is seen by individual team members over time</td>
<td>• One plan, one message</td>
</tr>
<tr>
<td>• Multiple office visits to various physicians</td>
<td>• Reduced number of office visits</td>
</tr>
<tr>
<td>• Plan changes over time and over visits</td>
<td>• Reduced time to diagnosis</td>
</tr>
<tr>
<td></td>
<td>• Reduction in redundant tests</td>
</tr>
<tr>
<td></td>
<td>• Reduced costs associated with diagnosis</td>
</tr>
</tbody>
</table>
Multi-disciplinary Care

Virtual Team

Asynchronous management

Synchronous Team

Synchronous management
## Multi-disciplinary Care

### Virtual Team
- Physician-centric
- Multiple phone calls
- Multiple physician visits
- Multiple tests by multiple docs
- Changing plan
- Increased time to diagnosis
- Increased cost
- Business as usual

### Synchronous team
- Patient-centric, patient present
- One phone call
- One visit: all specialties present
- One set of tests
- One plan
- Reduced time to diagnosis
- Reduced cost (fewer tests and visits)
- Increased patient satisfaction
- NOT a tumor board
Primary Drivers of Lung Screening Volumes

**Engagement**

**Navigation**
- Education
  - Primary Care
  - Patients
  - Community
- Management
  - Primary Care
  - Patients
  - Multi-disciplinary process
- Relationship building

**Primary Care Engagement**
- One call does it all
- No management required
- We provide reports and updates
- We create patient satisfaction

**Patient and Family Engagement**
- One call does it all
- No management required
- We provide reports and updates
- We guide them through the process
- We create patient satisfaction
Primary Drivers of Lung Screening Volumes

### Education
- **Navigation**
  - Education
    - Primary Care
    - Patients
    - Community
  - Management
    - Primary Care
    - Patients
    - Multi-disciplinary process

- **Primary Care Education**
  - Time up-front creates long term relationship
  - Describe survival benefit to their patients
  - Describe nodule management benefits to MD

- **Patient and Family Education**
  - Time up-front creates long term relationship
  - Describe survival benefits to them
  - Describe process
  - Describe MDC care model
Primary Drivers of Lung Screening Volumes

<table>
<thead>
<tr>
<th>Service</th>
<th>Primary Care Service</th>
<th>Patient and Family Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navigation</td>
<td>We own the process:</td>
<td>• We perform scheduling</td>
</tr>
<tr>
<td>Service</td>
<td>• We perform scheduling</td>
<td>• We communicate results</td>
</tr>
<tr>
<td>Primary Care Service</td>
<td>• We communicate results</td>
<td>• We manage appointments</td>
</tr>
<tr>
<td>Patients</td>
<td>• We communicate changes</td>
<td>• We navigate the system</td>
</tr>
<tr>
<td>Multi-disciplinary</td>
<td>• We manage the nodule</td>
<td>• We simplify their life with Synchronous MDC</td>
</tr>
<tr>
<td>process</td>
<td></td>
<td></td>
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</tbody>
</table>
One key driver

Schedule next year’s exam at the time of this year’s report
Increasing Uptake in Adult Lung Screening

Keys to Success

• A complete Continuum of Care Program
• Navigation
• Synchronous Multi-disciplinary Care
• Primary Care Engagement
• High Level of Service
  • To Primary Care
  • To Patients
• Schedule a year ahead