Pennsylvania Urologic Regional Collaborative (PURC):

PPC Annual Leadership Summit
March 18, 2015
Pennsylvania Urologic Regional Collaborative

- Brings major urology practices together from across the 5-county region of Southeastern PA in a multi-year data-sharing and improvement collaborative aimed at advancing the quality of care for men with prostate cancer.
- Funded by the Partnership for Patient Care and Independence Blue Cross.
Why Prostate Cancer?

❖ Prevalent
There are more than 200,000 new cases per year

❖ High Mortality
Second leading cause of cancer related death in men (>20,000 per year)

❖ Costly
Expenditures approach $7 billion dollars annually

❖ Care is Variable
AUA reports that the treatment of men with prostate cancer has dramatically changed over the past decade, challenging physicians with a multitude of treatment options, variations in the sequencing of these agents, and adding to the complexity of clinical decision-making

❖ Limited Benchmark Data
There is currently little to no data collection and benchmarking on prostate treatment outcomes to inform improvement efforts
Trends in Cancer Incidence Rates* Among Men, US, 1975-2010

Data Source: American Cancer Society, 2014 Cancer Statistics

*Age-adjusted to the 2000 US standard population and adjusted for delays in reporting.
† Includes the intrahepatic bile duct.
Source: Surveillance, Epidemiology, and End Results (SEER) Program, National Cancer Institute, 2013.
## The Lifetime Probability of Developing Cancer for Men, 2008-2010*

<table>
<thead>
<tr>
<th>Site</th>
<th>Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>All sites†</td>
<td>1 in 2</td>
</tr>
<tr>
<td>Prostate</td>
<td>1 in 7</td>
</tr>
<tr>
<td>Lung &amp; bronchus</td>
<td>1 in 13</td>
</tr>
<tr>
<td>Colon &amp; rectum</td>
<td>1 in 20</td>
</tr>
<tr>
<td>Urinary bladder‡</td>
<td>1 in 26</td>
</tr>
<tr>
<td>Melanoma of the skin §</td>
<td>1 in 34</td>
</tr>
<tr>
<td>Non-Hodgkin lymphoma</td>
<td>1 in 42</td>
</tr>
<tr>
<td>Kidney &amp; renal pelvis</td>
<td>1 in 49</td>
</tr>
<tr>
<td>Leukemia</td>
<td>1 in 60</td>
</tr>
<tr>
<td>Oral cavity &amp; pharynx</td>
<td>1 in 66</td>
</tr>
<tr>
<td>Liver &amp; intrahepatic bile duct</td>
<td>1 in 82</td>
</tr>
</tbody>
</table>

* For those free of cancer at beginning of age interval.
† All sites exclude basal cell and squamous cell skin cancers and in situ cancers except urinary bladder.
‡ Includes invasive and in situ cancer cases.
§ Statistic for white men.


Data Source: American Cancer Society, 2014 Cancer Statistics
Michigan Urological Surgery Improvement Collaborative (MUSIC)

- A physician-led quality improvement collaborative comprised of a consortium of urology practices in the state of Michigan
- Funded by Blue Cross Blue Shield of Michigan
- Designed to evaluate and improve the quality and cost efficiency of prostate cancer care for men in Michigan

42 practices; 225 urologists = 90% or Michigan urologists
Participating Practices

- Einstein Practice Plan
- Fox Chase Cancer Center
- Hospital of the Univ. of PA
- Jefferson Urology Assoc.
- Temple University
- Urology Health Specialists
**PURC Objectives**

- Provide urology practices across the region with a mechanism for performance measurement and reporting, as well as *comparative, risk-adjusted data* reported in real time to drive quality improvement.

- **Reduce variation** in care delivery and utilization of services for men newly diagnosed with prostate cancer (i.e., radiographic staging, MRI imaging).

- **Improve outcomes** (i.e., biopsy-related infections, readmissions).

- **Improve patient-centered decision-making** among men faced with multiple treatment choices.
Program Highlights

• **Physician Leadership and Engagement**
  Dr. Marc Smaldone and Dr. Robert Uzzo

• **Regional Data Registry**
  First National Urologic Data Registry

• **Coordinating Center Capabilities**
  Provide individual practice and provider support

• **In-person meetings and webinars**
  Build trust and transparency
Questions

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