



THE HEALTH CARE IMPROVEMENT FOUNDATION



# 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

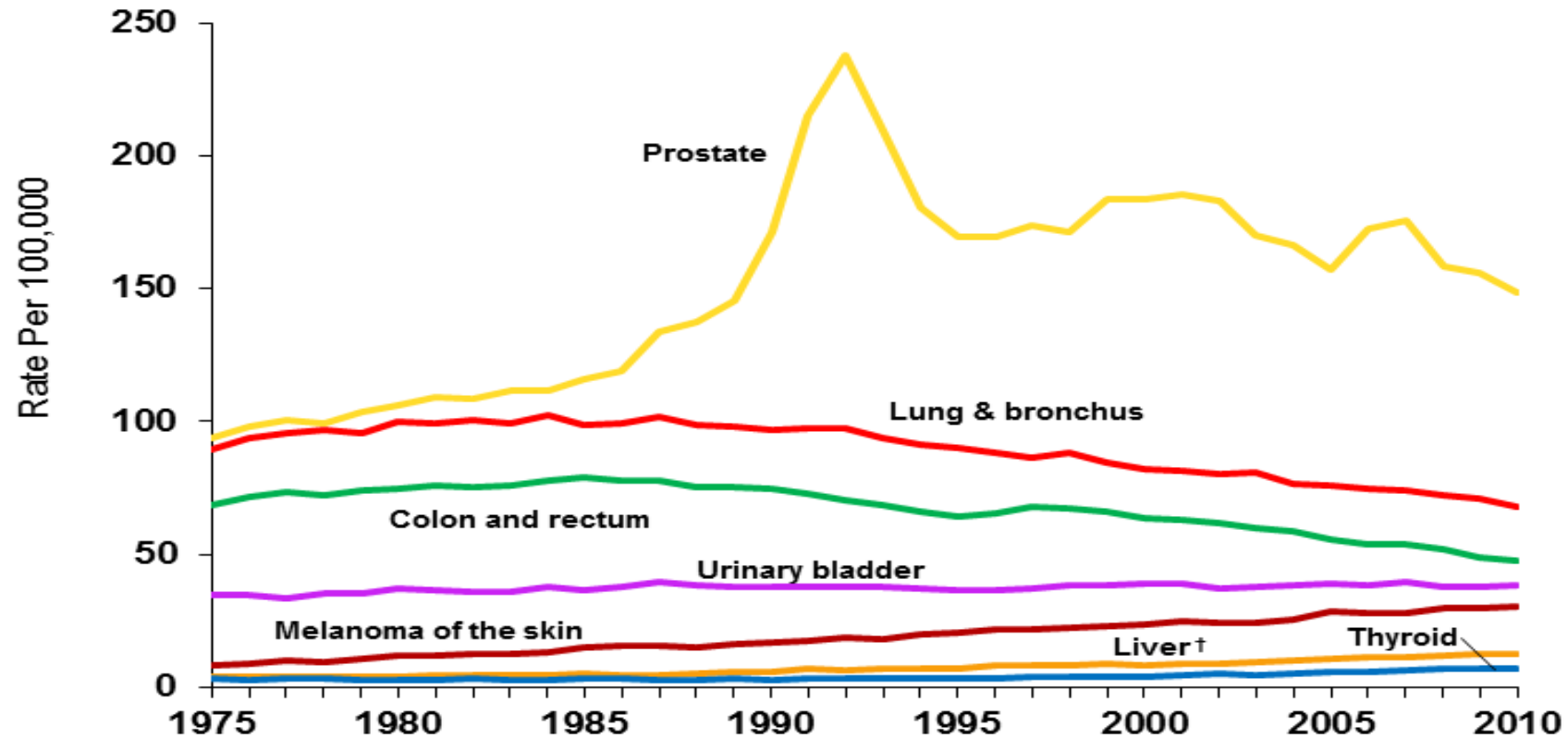
## ❖ Care is Variable

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



\*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.

Data Source: American Cancer Society, 2014 Cancer Statistics

## The Lifetime Probability of Developing Cancer for Men, 2008-2010\*

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

\* 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.

Source: DevCan: Probability of Developing or Dying of Cancer Software, Version 6.7.0 Statistical Research and Applications Branch, National Cancer Institute, 2013.

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

---

***Pam Braun***

*Senior Director of Patient Safety*

*[pbraun@hcifonline.org](mailto:pbraun@hcifonline.org)*

*215-575-3756*

***Claudette Fonshell***

*Clinical Project Manager*

*[cfonshell@hcifonline.org](mailto:cfonshell@hcifonline.org)*

*215-575-3747*