PURC is a physician-led quality improvement program that supports urology practices in advancing the quality of diagnosis & care for men with prostate cancer.

**Clinical Data Registry**
- Launched in 2015 to collect patient-level data
- **Comparative risk-adjusted** and **real time data** drives data improvement
- **Customized benchmarking** and **trend reports** help identify variations in care and outcomes

**Targeted Quality Improvement**
- **Biopsy**: Utilizing and integrating new biopsy techniques; evaluating complications and developing templates
- **Active Surveillance**: Developing active surveillance eligibility criteria and follow-up protocols
- **Imaging**: Assessing radiographic usage to enhance treatment for newly diagnosed patients

**Collaboration and Dissemination**
- **Membership collaborative** based around the principles of transparency and trust
- **Identify and implement** best practices
- Asses variation in clinical care to **drive quality improvement** and improve patient outcomes

**Program Overview**
- **140** Practicing Urologists
- **11** Major Urology Practices across the Mid-Atlantic Region
- **20,000** Cases Entered in the PURC Registry

HCIF serves as the coordinating center for the PURC program
Publication History

**Impact**

**Active Surveillance Improved**

- **Very Low Risk Patients**
  - Q1 2016: 68.8%
  - Q4 2019: 96%
  - 39.5% increase from 2016 - 2019

- **Low Risk Patients**
  - Q1 2016: 37.3%
  - Q4 2019: 81.4%
  - 118.2% increase from 2016 - 2019

- **Favorable Intermediate Conditions**
  - Q1 2016: 8.9%
  - Q4 2019: 15.7%
  - 76.4% increase from 2016 - 2019

**Post Biopsy Rates**

- **Post Biopsy ER Visits**
  - 70% decrease from 2016-2019

- **Post Biopsy Hospital Admissions**
  - 82.4% decrease from 2016-2019

**Biopsy Complication Rate**

- **TRUS Biopsy Complication rate**
  - Q1 2016 - Q4 2019: 73% decrease

- **Overall Biopsy Complication rate**
  - Q1 2016 - Q4 2019: 74% decrease

Please Note: Data presented is reflective of Q1 2016 through Q4 2019, due to a lapse in data entry as a result of the 2020 global pandemic.

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**Research publications**

- Journal of Urology
- JAMA Oncology

**Accepted abstracts since 2016**

- 4
- 18

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**June 2022**

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