P20 PILOT PROJECT:
Disparities of Health Literacy in the Context of Kidney Cancer and Smoking
Project team

SIU School of Medicine
Shaheen Alanee, MD, MPH, MBA
  • Urologic oncology
  • Cancer genomics

Danuta Dynda, MD
  • Research assistant professor

Kevin McVary, MD, FACS
  • Co-investigator/mentor

WU School of Medicine
Erin Linnenbringer, MS, PhD
  • Social-behavioral scientist
  • Population health disparities

Katina Richardson, MD
  • Research coordinator

Nirek Sharma
  • Undergraduate research assistant
Kidney Cancer: Regional perspective


Published in:
Journal of Urology. 2015; 193(5)1608-13
Kidney Cancer: Sociobehavioral perspective

Relationships among social & behavioral risk factors have not been adequately examined

- With regards to kidney cancer
- With regards to urban/rural disparities
Specific aims & research approach

Survey a total of 300 patients (ages 40+) from 5 urology and primary care clinics

By geographic region (urban vs. rural):

1) Examine health literacy and cancer literacy
2) Investigate knowledge of the relationship between smoking and kidney cancer
3) Compare threshold for bother caused by general urologic symptoms
Coordinating IRB applications and protocols across sites

Streamlining data collection and entry processes
  - Planned use of scantron software no longer available / feasible
  - Switch to REDCap via Android tablets
Study start-up: challenges & solutions

- Coordinating IRB applications and protocols across sites
- Streamlining data collection and entry processes
  - Planned use of scantron software no longer available / feasible
  - Switch to REDCap via Android tablets
  - Learning curve associated with new technology
  - Required changes in the informed consent process
Study progress

Enrolled first St. Louis-based participants in early June

- Of the 94 urology clinic patients approached, 73 (78%) have enrolled in the study
- Of the 73 participants, 60 (82%) completed all required survey components
- Consent process takes approximately 1.5 minutes to complete
- Survey takes approximately 18-21 minutes to complete
<table>
<thead>
<tr>
<th>WUSTL urology clinic participant characteristics</th>
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</thead>
<tbody>
<tr>
<td><strong>Gender:</strong></td>
</tr>
<tr>
<td>Male</td>
</tr>
<tr>
<td>Female</td>
</tr>
<tr>
<td><strong>Age:</strong> (mean, SD)</td>
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<tr>
<td><strong>Race:</strong></td>
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<tr>
<td>Black</td>
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<tr>
<td>White</td>
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<tr>
<td><strong>Education level:</strong></td>
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<tr>
<td>Less than high school</td>
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<tr>
<td>High school degree</td>
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<tr>
<td>Associate degree or technical school</td>
</tr>
<tr>
<td>Bachelor degree</td>
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<tr>
<td>Graduate degree</td>
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<tr>
<td><strong>Residential zip code:</strong></td>
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<tr>
<td>Metro area</td>
</tr>
<tr>
<td>Micropolitan / small town / rural</td>
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</tbody>
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Ongoing work

- Complete recruitment and enrollment
  - Establishing a new primary care clinic recruitment site in St. Louis
  - Enrollment started in the Springfield urology clinic site
  - Carbondale primary care clinic recruitment to launch soon

- Analysis, publication, and additional research proposals
Questions & Comments