

Involvement of community urologists in research in Canada

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Research is an integral part of human behavior, regardless of profession. This includes community urologists. Community urologists are the backbone of the Canadian Urological Association and the CUA Office of Education has grants available to community urologists, while the Scientific Foundation has a process for community research grants that will be judged on merits of relevance to general urology practice.¹ However, there is room for improvement.

This article aims to identify challenges and solutions for community urologists in research participation.

Community urologists treat a diverse patient population, offering valuable data for research on treatment impacts. However, they face challenges in conducting research. These include

- **Time constraints:** Community urologists often have busy clinical schedules, which can limit their availability for research activities.
- **Research expertise:** Some community urologists may require additional training or mentorship to effectively participate in research projects.
- **Administrative burden:** Data collection and reporting can be time-consuming for community urologists.

I suggest the following strategies to engage community urologists in research.

BUILD COLLABORATIVE NETWORKS

Establishing strong networks between academic institutions, hospitals, and community practices is essential. These networks facilitate seamless collaboration and communication. Consider the following steps:

- Organize regular meetings and conferences to discuss potential research collaborations
- Create a directory of community urologists interested in research

PROVIDE TRAINING AND SUPPORT

Community urologists may not have extensive research experience. Providing them with training and ongoing support can make a significant difference. Key areas to focus on include:

- Research methodology and design
- Data collection and analysis
- Ethical considerations and patient consent
- Grant writing and funding opportunities

ENSURE ADEQUATE FUNDING

Securing funding for research projects is often a challenge. It's important to explore various funding sources and ensure that community urologists are adequately compensated for their time and effort. Potential funding sources include:

- Federal and provincial research grants
- Pharmaceutical and medical device company sponsorships
- Private foundations and non-profit organizations
- Collaborative grants with academic institutions

STREAMLINE ADMINISTRATIVE PROCESSES

Administrative burdens can be a major deterrent for busy community urologists. Simplifying administrative processes can encourage their participation. Strategies include:

- Providing administrative support for paperwork and regulatory compliance
- Utilizing electronic data capture systems to streamline data collection
- Ensuring clear and concise communication regarding project expectations and timelines

FOSTER A CULTURE OF RECOGNITION AND APPRECIATION

Recognizing and appreciating the contributions of community urologists can foster a positive research environment. Consider the following approaches:

- Highlight their contributions in publications and presentations
- Offer opportunities for professional development and advancement•
Provide financial incentives and awards for outstanding contributions

PROMOTE PATIENT AND COMMUNITY ENGAGEMENT

Engaging patients and the broader community in research can enhance its relevance and impact. Community urologists can play a key role in this process. Strategies include:

- Involving patients in the design and implementation of research studies
- Organizing community outreach programs to raise awareness about research initiatives
- Utilizing patient registries and databases for recruitment and data collection

UTILIZE TECHNOLOGY AND INNOVATION

Utilizing technology can greatly enhance the efficiency and effectiveness of research initiatives. Consider incorporating the following:

- Telemedicine for remote consultations and follow-ups
- Wearable devices and mobile apps for real-time data collection
- Advanced data analytics and artificial intelligence for data analysis

ESTABLISH CLEAR GOALS AND OUTCOMES

Setting clear goals and outcomes for research projects ensures that all participants are aligned and motivated. This includes:

- Defining specific research questions and objectives
- Establishing measurable outcomes and benchmarks
- Regularly reviewing and adjusting goals as needed

ENCOURAGE PUBLICATIONS AND DISSEMINATION OF FINDINGS

Sharing research findings with the broader medical community and the public is crucial. Encouraging community urologists to publish and present their work can have a significant impact. Consider:

- Providing support for manuscript writing and submission
- Organizing symposia and conferences to present research findings
- Utilizing social media and online platforms to disseminate results

MONITOR AND EVALUATE PROGRESS

Regular monitoring and evaluation of research projects ensure that they stay on track and achieve their goals. This includes:

- Conducting periodic reviews and progress reports
- Identifying and addressing any challenges or barriers
- Adjusting strategies and approaches as needed

CLINICAL TRIAL RECRUITMENT

Actively recruit community urologists to participate in clinical trials by providing training, support, and streamlined processes for patient enrollment.

OBSERVATIONAL STUDIES

Leverage the existing patient data from community practices to conduct observational studies on disease trends and treatment patterns.

PATIENT REGISTRIES

Establishing patient registries where community urologists can contribute data on patient demographics and treatment outcomes.

CONCLUSIONS

Involving community urologists in research in Canada requires a multifaceted approach that includes building collaborative networks, providing training and support, securing funding, simplifying administrative processes, and fostering a culture of recognition and engagement. By implementing these strategies, researchers can effectively engage community urologists and enhance the quality and impact of their research

REFERENCE

1. Curtis Nickel J, Papanikolaou F. Community urologists are the backbone of the Canadian Urological Association. *Can Urol Assoc J* 201;10:299-300.
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