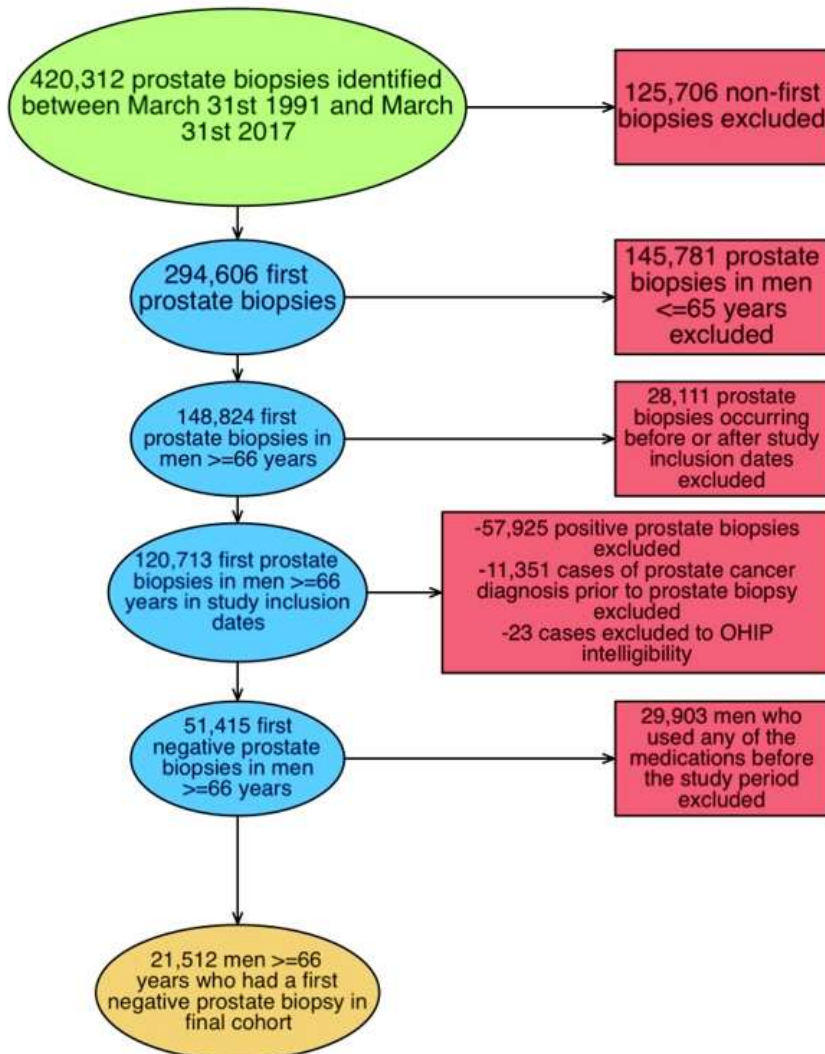
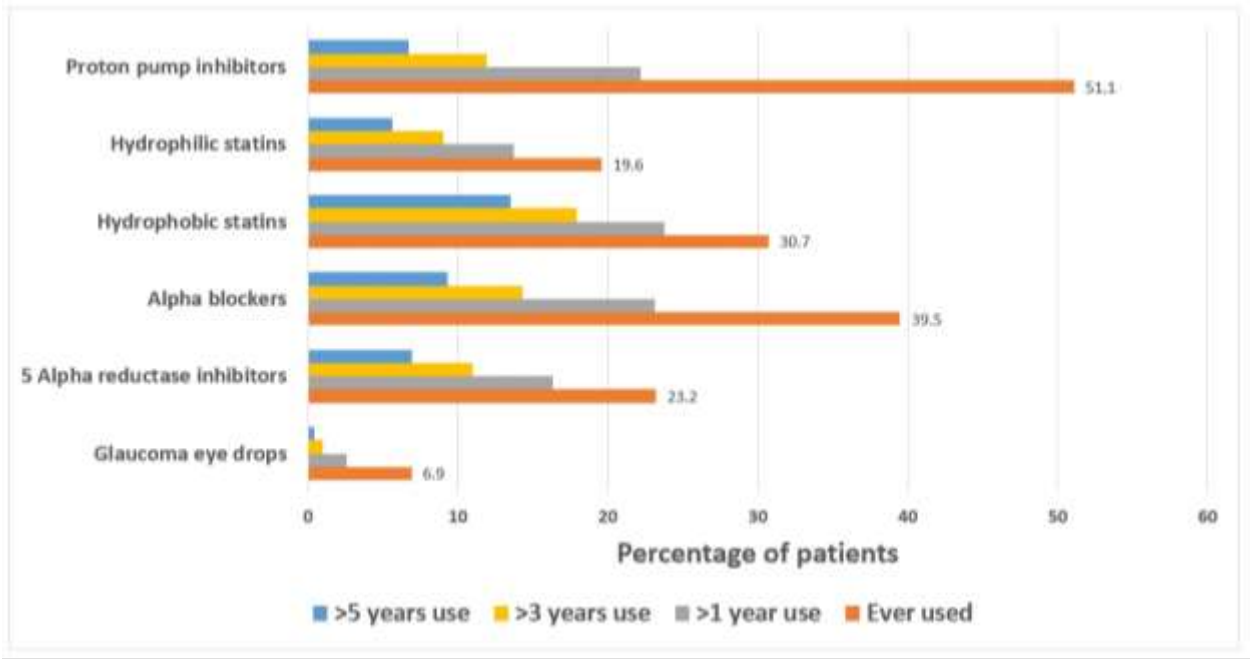


APPENDIX

Supplementary Figure 1. Patient flowchart.



Supplementary Figure 2. Use of commonly prescribed medications among men in the study.



Supplementary Table 1. Data sources used from the Institute of clinical evaluative sciences		
Database	Used for	Reference
Ontario Health insurance program (OHIP)	Tracks claims paid to physicians, laboratories, and out-of-province providers	Chan B. Supply of physicians' services in Ontario. <i>Hosp Quarter</i> 1999;3:17.
Registered persons database (RPDB)	Contains information on persons registered under OHIP and persons who are eligible for the Ontario Drug Program (over 65 years old)	Ontario Ministry of Health and Long-Term Care Health System Information Management and Investment Division. Health Analyst's Toolkit. Health Analytics Branch Winter 2012
Canadian Institute for Health Information Discharge Abstract Database (CIHI-DAD)	Contains in-patient hospitalization data	Clarke EML, Kreiger N. Cancer registration: principles and methods. Lyon, France: IARS Scientific Publications; 1991.
Ontario Drug Benefit database (ODB)	Includes data on all drug prescriptions for patients older than 65 in Ontario	Levy AR, O'Brien BJ, Sellors C, et al. Coding accuracy of administrative drug claims in the Ontario Drug Benefit database. <i>Can J Clin Pharmacol</i> 2003;10:67-71.

Supplementary Table 2. Source database and Ontario Health Insurance Plan (OHIP) database and the Canadian Classification of Diagnostic, Therapeutic, and Surgical Procedures (CCP) codes used to identify disease state and procedures	
Procedure	Code
Ontario Health Insurance Plan Database	
Bladder catheterization	Z602, Z611
Prostate biopsy	Z712, Z713, S644, E780
Pelvic/abdominal ultrasound	J128, J135, J138, J149, J162, J180
Radiation therapy for prostate cancer (pelvis-specific)	X336, X310, X311, X312, X313, X322
Brachytherapy	S640 till 2007, afterwards X323, X324, X325
Implantation of hormone pellets	G342
Canadian Institute of Health Information Discharge Abstract Database	
Urinary retention	ICD 10-CA: R33, 788, 1PZ37JAGJ, 1PM52BATS, 1PM52CATS
Bladder catheterization	CCI and ICD 10-CA: Y84.6
Lower urinary tract symptoms	ICD 10-CA: R350, R358, R3911, R3913, R3914, R3918, R398, R3912
Bilateral orchiectomy	CCP Code: 74.31; CCI Code: 1QM89
Radical prostatectomy	CCP: 72.4, CCI: 1QT91