THE ROLE OF MODIFIABLE RISK FACTORS IN
THE PRESENCE AND DEVELOPMENT OF
LOWER URINARY TRACT SYMPTOMS (LUTS)
AND SEXUAL DYSFUNCTION IN AGEING MEN

A Thesis Submitted for Consideration for the Award of

DOCTOR OF PHILOSOPHY

By

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* 

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**ACKNOWLEDGEMENTS**
Future research
I certify that this work contains no material which has been accepted for the award of any other degree or diploma in my name, in any university or other tertiary institution and, to the best of my knowledge and belief, contains no material previously published or written by another person, except where due reference has been made in the text. In addition, I certify that no part of this work will, in the future, be used in a submission in my name, for any other degree or diploma in any university or other tertiary institution without the prior approval of the University of Adelaide and where applicable, any partner institution responsible for the joint-award of this degree.

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Abbreviations

AUA-SI: American Urology Association – Symptom Index
ALSH: Australian Longitudinal Study of Health and Relationships
BLSA: Baltimore Longitudinal Study on Aging
BDI: Beck Depression Inventory
BPH: Benign prostatic hyperplasia
BMI: Body mass index
BACH: Boston Area Community Health survey
BMSI: Brief Male Sexual Inventory
CVD: Cardiovascular disease
CNS: Central Nervous System
CI: Confidence Interval
CATI: Computer-Assisted Telephone Interviewing
DSM-IV: Diagnostic and Statistical Manual of Mental Disorders IV
DA: Dopamine
DEXA: Dual energy x-ray absorptiometry
EWP: Electronic White Pages
ED: Erectile dysfunction
EAU: European Association of Urology
EMAS: European Male Ageing Study
EPIC: European Prospective Investigation into Cancer and Nutrition
FAMAS: Florey Adelaide Male Ageing Study
FFQ: Food Frequency Questionnaire
GVA: General Visceral Afferent
GIR: Global Impotence Rating
HbA1c: Haemoglobin A1c
HPFU: Health Professionals Follow-up study
HDL: High density lipoproteins
HSDD: Hypoactive sexual desire disorder
IGFBP-3: IGF-binding protein-3
IGF: Insulin-like growth factor
ICCSM: International Consultation Committee for Sexual Medicine
ICPCPD: International Consultation on New Developments in Prostate Cancer and Prostate Diseases
ICS: International Continence Society
IPSS: International Prostate Symptoms Scale
ISSM: International Society for Sexual Medicine
LTPA: Leisure-time physical activity
LC–MS/MS: Liquid chromatography–tandem mass spectrometry
LDL: Low density lipoproteins
LUTS: Lower urinary tract symptoms
LMHS: Lyell McEwin Health Service
MMAS: Massachusetts Male Aging Study
MAO: Monoamino-oxidase
MSAM-7: Multinational Survey of the Aging Male
NHANES: National Health and Nutrition Examination Survey
NHSLS: National Health and Social Life Survey

NHS: National Health Service

NATSAL: National Survey of Sexual Attitudes and Lifestyles

NO: Nitric oxide

OSA: Obstructive sleep apnoea

MrOS: Osteoporotic Fractures in Men Study

OAB: Overactive bladder

PCPT: Prostate Cancer Prevention Trial

PSA: Prostate specific antigen

SSRI: Selective serotonin reuptake inhibitor

SDI-2: Sexual Desire Inventory 2

SF-36: Short-form health survey 36

TQEH: The Queen Elizabeth Hospital

T3: Triiodothyronine

T4: Thyroxine

UI: Urinary incontinence

WHO: World Health Organisation
Acknowledgements

There’s an old Sumerian saying which loosely translates into: “Give me my own tools, and I will launch my (own) boat”. To that end, I owe a debt of gratitude to the experienced hands of my supervisory team: Dr. Evan Atlantis, Dr. Grant Buchannan, Dr. Peter O’Loughlin, Prof. Richard Ivell, and led by our long-term skipper – the inimitable Prof. Gary Wittert. I would also like to thanks the many other academics and staff of the Discipline of Medicine, both past and present, for their support during my candidature and time in the department.

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