

**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

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*

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Originality Certification

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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

NHSL: 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

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