

# **CURRICULUM VITAE**

**Lawrence D. Komer M.D., F.R.C.S.C.**

**Lawrence D. Komer**

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**Dr. Lawrence D. Komer Medicine  
Professional Corporation**

760 Brant Street, Suite 408A

Burlington, ON Canada L7R 4B8

**PROFESSIONAL EXPERIENCE**

|  |                |
|--|----------------|
| Medical Director: The Centre for Women's Health  | 1976 - Present |
| Medical Director: Masters Men's Clinic   | 2004 - Present |
| Medical Director: Brant Medical Research   | 2000 – Present |
| Medical Director: Komer Brain Science Institute  | 2015-Present   |
| Active Consulting Staff- Joseph Brant Memorial Hospital,<br>Department of Obstetrics and Gynaecology | 1976 - 2015    |
| McMaster University Medical School- Asst. Clinical Professor   | 2005- Present  |
| Team Physician Toronto Rock Professional Lacrosse Club   | 1999-Present   |
| Medical Advisor Burlington Jr. A. Chiefs Lacrosse Club   | 1994-2006      |
| Team Physician: Team Canada: Men's World Indoor Lacrosse Champions                                   | 2003, 2015     |
| Team Physician: Team Canada: Women's World Outdoor Lacrosse Silver Medal                             | 2013           |

**Founder and Director - Peak Performance Institute**

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| Co-developed and conducted conference, "Chicken Soup for the Physician's Soul" | 1992-1994    |
| Co-developed and conducted national forums, "Be Menopositive"                  | 1995-present |

**UNDERGRADUATE EDUCATION:**

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| B.A. Queen's University, Kingston, Ontario, Canada | 1964 - 1967 |
| Prize in Biology                                   | 1966        |

**POST GRADUATE EDUCATION:**

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| Postgraduate year in Exercise Physiology, Queen's University | 1967 - 1968 |
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**MEDICAL SCHOOL:**

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| Queen's University Faculty of Medicine | 1968 - 1972 |
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**POST GRADUATE MEDICAL EDUCATION:**

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|---|-------------|
| Resident in Obstetrics and Gynecology,<br>McMaster University School of Medicine, Hamilton, Ontario, Canada | 1972-1975   |
| Chief Resident in Obstetrics & Gynecology<br>McMaster University School Of Medicine                         | 1975 – 1976 |

**CERTIFICATION:**

|  |           |
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| Fellow of the Royal College of Surgeons of Canada              | Nov 1976  |
| College of Physicians and Surgeons of Ontario (License #26092) | Sept 1973 |
| Texas State Board of Medical Examiners (License #F2756)        | Dec1978   |

### **FURTHER EDUCATION**

|  |          |
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| Operative Endoscopic Abdominal Surgery Certification by Dr Kurt Semm | Mar 1978 |
| Operative Tubal Surgery and Reversal of Sterilization Preceptorship  | May 1985 |
| Gynecologic Laser Preceptorship Training Program                     | Oct 1989 |
| Operative Hysteroscopy Preceptorship with Dr George Vilos            | Dec 1991 |
| Advanced Colposcopy and Electrosurgery                               | May 1992 |
| Certification Course In Clinical Densitometry                        | May 2001 |

### **ACADEMIC ACTIVITIES:**

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| Teaching Fellow in Obstetrics and Gynaecology<br>St. Joseph's Hospital and McMaster University, Hamilton Ontario   | July 1976 – Dec.1976 |
| Assistant Clinical Professor: Michael G, DeGroot School of Medicine,<br>Department of Obstetrics and Gynecology:<br>McMaster University, School of Health Sciences | 2004 - Present       |
| Lecturer in Sports Medicine  |                      |

### **PROFESSIONAL SOCIETIES:**

|  |              |
|--|--------------|
| <i>Ontario Medical Association</i>                             |              |
| Chairman, Section of Obstetrics and Gynaecology                | 1986-1990    |
| Executive Member   | 1983-1990    |
| Member   | 1976-Present |
| <i>Society of Obstetricians &amp; Gynaecologists of Canada</i> |              |
| Member   | 1990-Present |
| Executive Member   | 1990-1994    |
| Co-Chairman- Ontario Section                                   | 1991-1993    |
| Chairman- Ontario Section                                      | 1993-1994    |
| <i>Ontario Society of Obstetricians &amp; Gynaecologists</i>   |              |
| Founding Member  | 1995-1996    |
| Past President   | 1995-Present |
| <i>The Niagara Society of Obstetrics &amp; Gynaecology</i>     |              |
| Member   | 1976-Present |
| President  | 1979-1980    |
| <i>The Canadian Academy of Sports Medicine</i>                 |              |
| Member   | 1977-Present |
| <i>The Canadian Fertility Society</i>                          |              |
| Member   | 1983-1994    |
| <i>The American Fertility Society</i>                          |              |
| Member   | 1983-1994    |
| <i>The American College of Gynaecologic Laparoscopists</i>     |              |
| Member   | 1986-1995    |
| <i>The Canadian Medical Association</i>                        |              |
| Member   | 1976-Present |

|   |              |
|---|--------------|
| <i>The Canadian Medical Protective Society</i>          |              |
| Member  | 1972-Present |
| <i>North American Menopause Society</i>                 |              |
| Member  | 1994-Present |
| <i>Canadian Society for the Study of the Aging Male</i> |              |
| Member  | 1998-Present |
| Chairman of Communications Committee                    | 2008         |
| <i>American Academy of Anti-Aging</i>                   |              |
| Member  | 2002-Present |

## **RESEARCH ACTIVITIES:**

### **Medical Director: Brant Clinical Research, Burlington, Ontario**

#### **Co-developer of The Masters Men's Clinic Andropause Screening Inventory**

1995-1997     **Solvay** (Protocol H.102.5005)

*A two-year double blind placebo controlled multinational trial investigating the efficacy and long-term safety of two doses of continuous estradiol combined with different doses of cycle dydrogesterone in the prevention of post-menopausal bone loss.*

1997           **R.W. Johnson** (Protocol NRGLOW-OC-001)

*A randomized double blind placebo controlled comparative study of the safety and contraceptive efficacy of two cyclophasic norgestimate/ethinyl estradiol regimes and one triphasic norgestimate/ethinyl/estradiol regime*

1998           **Janssen-Ortho** (Protocol Estnrg-chrt-106)

*A randomized double-blind placebo controlled trial of two different HRT regimes using conjugated estrogens plus medroxyprogesterone acetate and micronized estradiol plus cyclophasic.*

2002-2003     **Proctor and Gamble** (Protocol 2001133)

*A phase 3, multinational randomized double-blind parallel group, placebo controlled study to evaluate the efficacy and safety of transdermal testosterone in women with Hypoactive Sexual Desire on concurrent ERT in women who have undergone hysterectomy and oophorectomy.*

2002-2003     **Proctor and Gamble** (Protocol 2002006)

*A phase 3 multinational randomized double-blind parallel group placebo controlled 24 week study to evaluate the efficacy and safety of transdermal testosterone in naturally menopausal women with Hypoactive Sexual Desire Disorder on concurrent oral HRT*

2003           **Eli Lilly** (Protocol H3S-US)

*Raloxifene alendronate comparison in postmenopausal women with osteoporosis.*

2004           **Pfizer** (Protocol A2181031)

*A phase 3 study of efficacy and safety of Lasofoxifene in the treatment of vaginal atrophy in postmenopausal women*

2005           **Boheringer Ingelheim** (Protocol 511.106)

*Validation of a Brief Diagnostic Procedure and Cognitive Debriefing of Efficacy Measures in Women with Hypoactive Sexual Desire Disorder.*

**2005 Solvay (Protocol S0302112)**

*A double blind placebo controlled comparison of multiple doses of esterified estrogens and methyltestosterones in combinations and alone in relieving vasomotor symptoms of in postmenopausal women.*

**2006 PFIZER (PROTOCOL A4291023)**

**PHASE 2B DOUBLE BLIND PLACEBO CONTROLLED STUDY EVALUATING PD 0299685 FOR THE TREATMENT OF VASOMOTOR SYMPTOMS**

**2006-2009 BOEHRINGER INGELHEIM (PROTOCOL 511.71)**

**A 24 WEEK REANDOMIZED DOUBLE BLIND PLACEBO CONTROLLED SAFETY AND EFFICACY TRIAL OF FLIBANSERIN 50 AND 100 MG IN PREMENOPAUSAL WOMAN WITH HYPOACTIVE SEXUAL DESIRE DISORDER**

**2008-2009 BOEHRINGER INGELHEIM (PROTOCOL 511.84)**

**A 12 MONTH OPEN LABEL SAFETY TRIAL OF FLIBANSERIN 50 MILLIGRAMS TO 100 MILLIGRAMS DAILY IN WOMEN WITH HSDD.**

**2008-2009 ROCHE DIAGNOSTICS AND ST. JOSEPH'S HEALTHCARE (PROTOCOL LPTSP 595)  
ASSOCIATION OF PAP CYTOLOGY AND THE PRESENCE OF ONCOGENIC HPV IN SUREPATH BY THE ROCHE AMPLICOR HPV TEST.**

**2010-2011 BOEHRINGER INGELHEIM (PROTOCOL 511.156)**

**SAFETY AND EFFICACY OF FLIBANSERIN, UP TITRATION OF 100 MG IN POSTMENOPAUSAL WOMEN WITH HSDD**

**2012-PALATIN (PROTOCOL PT-141-54)**

**A PLACEBO CONTROLLED DOSE FINDING TRIAL TO EVALUATE THE EFFICACY OF SUBCUTANEOUSLY ADMINISTERED BREMELANOTIDE IN PREMENOPAUSAL WOMEN WITH FSAD OR HSDD**

**2012 Boehringer-Ingelheim**

**Treatment of hypoactive sexual desire disorder in premenopausal women: efficacy of flibanserin in the VIOLET Study.**

J Sex Med. 2012 Apr;9(4):1074-85. doi: 10.1111/j.1743-6109.2011.02626.x. Epub 2012 Jan 16 Derogatis LR<sup>1</sup>, **Komer L**, Katz M, Moreau M, Kimura T, Garcia M Jr, Wunderlich G, Pyke R; VIOLET Trial Investigators.

**2015 Endoceutics**

**ERC-238 STUDY \**

**Intravaginal prasterone (DHEA) against vaginal atrophy associated with menopause**

***PUBLICATIONS:***

**The Importance of the Route of Administration in Estrogen Therapy**

*The Canadian Journal of Diagnosis, January 2005*

**Diagnostic Tools and Treatment Options for Andropause**

*Your Patients, Your Practice, February 2005*

**PRESENTATIONS:**

**NATURAL PRODUCTS AND ALTERNATIVE MEDICINE IN OBSTETRICS AND GYNECOLOGY**

**Invited Oral Presentation Joseph Brant Memorial Hospital Grand Rounds March 2005**

**Testosterone Patch Begins to Improve Sexual Function within 4 Weeks in Surgically Menopausal Women**

*Poster Presentation: SOGC-AOGQ Annual Clinical Meeting June 2005*

**Clinical Screening of Andropause: A New Assessment Tool For The Diagnosis and Measure of Treatment Success Using Visual Analogue Scales**

*Invited Oral Presentation*

*International Society for the Study of the Aging Male, Vancouver Feb 2005*

**Diagnosis, Treatment and Outcome of 200 Consecutive Men Presenting to the Masters Men's Clinic For Assessment of Andropause**

*Poster Presentation*

*International Society for the Study of the Aging Male, Vancouver Feb 2005*

**Estrogens in the Andropausal Male**

*Poster Presentation*

*International Society for the Study of the Aging Male, Vancouver Feb 2005*

**Libido in Women and Hormone Replacement Therapy**

*Wrote Accredited Module and produced PowerPoint Program for The College of Family Physicians of Canada presented by trained physicians speakers all across Canada Fall 2009*

**A New Frontier For Diagnosis And Treatment: Posttraumatic Brain Injury Hormone Deficiency Syndrome"**

*Lecture: Brain Injury Canada Annual Conference in Montréal, October 1, 2015*

**A Paradigm Shift In Treatment For Traumatic Brain Injury**

*Lecture: Ontario Acquired Brain Injury 2015 Provincial Conference, Niagara Falls on November 13, 2015*