

AL B. BARQAWI MD, FRCS (Glasg)



CURRENT POSITION:

Al B. Barqawi MD FRCS
Associate clinical Professor of Surgery/Urology
University of Colorado Denver School of Medicine
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Education

- 08-01-1991 Physician MD (Bachelor of Medicine)** Medical Academy, Sofia, Bulgaria
- 03-24-1999 FRCS (Glasgow)** Fellow of The Royal College of physicians and Surgeons of Glasgow, United Kingdom
- 02-15-2002 Certificate in medical research** University of Colorado Health Science Center, School of Medicine, Denver, Colorado, USA

ACADEMIC AND CLINICAL CERTIFICATIONS

- Certification for ESWL training – Kidney Center – Denver, Colorado 2000-2001
- Certification for animal research – UCHSC, Denver, Colorado 2000-2001
- Certification for Human Research Ethics – Colorado Institutional Review Board “102”
- Certification in medical research (10 credit hours) – University of Colorado, School of Medicine, Denver, Colorado, USA 2001-2002
- ATLS Provider Course - Penn State College of Medicine, USA. 1999
- Certification as an expert in Cryosurgery of the prostate- Endocare and Galil.- 2007

FACULTY POSITIONS

➤ **Academic positions:**

01. July.2010 - Current **Associate Professor, Faculty Division of Urology**
University of Colorado HSC, Denver, Colorado.
01. July.2006 - Current **Assistant Professor, Faculty Division of Urology**
University of Colorado HSC, Denver, Colorado.
01. July.2003 – 30. June 2006 **Instructor, Faculty Division of Urology** University of
Colorado HSC, Denver, Colorado, USA.

➤ **Research Position**

01. July.2003 - Current **Director of research, Section of Urologic Oncology**
University of Colorado HSC, Denver, Colorado.

➤ **Training Positions:**

01. July.2002 - 30.June.2003 **Research Fellow, Division of Urologic Oncology,**
University of Colorado HSC, Denver, Colorado
01. Aug.2000 - 30.June.2002 **Research Fellow, Division of paediatric Urology**
The Children's Hospital, Denver, Colorado
04. Aug.1999 - 31.Jun.2000 **Clinical Fellow, Department of Urology,** Leicester
General Hospital, UK
01. Mar.1999 - 31.Jul.1999 **Specialist Registrar, Urology.** Worthing General
Hospital, Worthing. West Sussex, UK
01. Jan.1999 - 30.Apr.1999 **Specialist Registrar, Urology** St.Bartholomews and
Royal London Hospital. London, UK
01. Jan.1998 - 31.Dec.1998 **Chief Resident (Registrar) in General Surgery /**
Urology. Portlaoise General Hospital, Co. Laois,
Ireland
01. Jul.1993 - 31.Dec.1997 **Resident (SHO) in General Surgery / Urology**
Dublin/Limerick/Cork, Ireland
- 01.Feb1991 - 30.May.1993 **Clinical Internship and Senior House Officer**
University of Jordan, Amman, Jordan.

Honors and awards

- 2007- Distinguished teaching physician Award, State of Colorado Medical Board
- 2003- Service award from the Prostate Cancer Educational Council (PCEC)
- 2002 and 2003- Research Fellowship in Urologic Oncology with distinction, UCHSC, Denver, USA.
- 2001- Research Fellowship in Pediatric Urology with distinction. The Children's Hospital
- 1999- Elected Honorary Fellow of the Royal Academy of Medicine in Ireland
- 1992- Honorary service award for internship from School of medicine, University of Jordan, Amman
- 1986- Highest score in Physiology, Anatomy and pathophysiology- 2rd year medical student. Higher medical institute Varna, Bulgaria.

MEMBERSHIPS IN PROFESSIONAL ASSOCIATIONS:

2006 - Current	American Urological Association (AUA)
2007 - Current	European Association of Urological surgeons (EAU)
2006 - Current	University of Colorado Comprehensive Cancer Center (Member)
2006 - Current	South Central Section of the American Urological Association (Member)
2006 - Current	University Physicians Inc. Consultant Reviews
2006 - Current	Prostate Cancer Education Committee (PCEC) (Member)

MAJOR COMMITTEE AND SERVICE RESPONSIBILITIES

2009- Current	Invited panel reviewer Congressionally Directed Medical Research Program (CDMRP) in prostate cancer. Department of Defense (DoD)
2008- Current	Evidence Based Learning (EBL) Tutor. School of Medicine, UC-Denver
2008- Current	Foundations of Doctoring Curriculum (FDC). Medical students' basic clinical skills Teaching. School of Medicine, UC-Denver
2007- Current	Invited Panel reviewer: National Science foundation (NSF) SPIR/STTR Panel.
2007- Current	Contributor and editor to American College of Physicians teaching modules.
2006 -Current	Active member of the Colorado Institutional Review Board (CoMIRB)
2006- Current	invited contributor to Point of Care publications by British Medical Journal (BMJ) best practice
2003- Current	Active Member and regular presenter of the Cancer Center , UC-Denver

LICENSURE AND BOARD CERTIFICATION

2007- Current	Colorado Medical License
2007- Current	Drug Enforcement certification
1999- Current	The Higher specialist registry of Jordan / Board Certification / General Surgery
1993- Current	The Irish Medical Council. General registry, Ireland
1998- 2000	General Medical Council (GMC), United Kingdom.
1992-1994	Jordanian Medical Association (JMA), Jordan
1991-1992	Bulgarian Medical Council (BMC), Bulgaria

EDITORSHIPS AND SCIENTIFIC JOURNAL REVIEWER

1. Guest editor for “**Oncology**” Journal, second opinion challenging cases bi-monthly columns since January 2005.
2. Editorial Panel – **Aging Health Journal**. Including guest editor to the upcoming **Prostate Cancer in the elderly Focus Edition, expected in November 2008**
3. Editorial Panel: **World Journal of Oncology**, since 2009.
4. Grant reviewer for University of Michigan’s **Claude Pepper Older Americans Independence Center**, and **Nathan Shock Center for the Biology of Aging**.
5. Grant Reviewer for the **University College of London (UCL)**. London, United Kingdom
6. Regular Invited manuscript reviewer on several leading peer reviewed medical journals:
 - a. Journal of Urology
 - b. Urology (The Golden Journal)
 - c. Prostate
 - d. British Journal of Urology
 - e. IEEE Journal
 - f. Asian Journal of Andrology
 - g. Sexual health, Impotence
 - h. Cancer Research
 - i. Drug reviews
 - j. Aging Health
 - k. European Journal of Urology
 - l. Prostate cancer and prostate disease
 - m. European Journal Of Nutrition (EJCN)

PUBLIC SERVICE AND MEDIA INTERVIEWS

- 1- I was featured and contributed to the **Wall Street journal** health editorials 04/06/2009
<http://online.wsj.com/public/page/news-health-industry.html>
- 2- I appeared on CBS channel 4 news on February 11th to discuss the role of Botox injections for the treatment of Benign prostatic hyperplasia.
<http://cbs5.com/health/BOTOX.prostate.study.2.929138.html>
- 3- I appeared on ABC news (Channel 7) on more than 6 occasions discussing treatment for prostate cancer and new innovation in clinical research.
<http://www.thedenverchannel.com/health/11116080/detail.html>
- 4- I appeared on CBC (Channel 4) to discuss treatment options for early stage prostate cancer.
<http://cbs4denver.com/seenon/kcnc.health.news.2.555649.html>
- 5- The UCH insider: Covered my story on laser therapy and focal cryotherapy / 3D mapping reconstruction of ultrasound imaging. 2009
- 6- I was interviewed and contribute on regular basis to medical news journals such as: Oncology and Biotech news (www.OBTNLive.com), CU foundation newsletters, Internal Medicine News and others.
- 7- I am an active invited contributor and consultant to the university Physician WellPoint medical policies committees, UPI.
- 8- I served as an invited speaker to several public venues, such as public churches, employees of large commercial companies and patient cancer support groups, national and local radio guest and others.

INVITED LECTURESHIPS and TEACHING ACTIVITIES

1. Invited visiting professor at the **King Hussein Cancer Center, Amman, Jordan, March 2009.**
2. Regular invited speaker: **Prostate Cancer Support Group. University Of Colorado Health Sciences Center. US&TOO**
3. Invited lecturer at the **cancer center.**
4. Invited speaker teaching grand rounds: **departments of Radiation Oncology and medical Oncology.**
5. Took part in initiating a resident training program in Urology using the Vanderbilt Matrix to instruct residents in the 6 general competencies as mandated by the GME committee, UC-Denver.
6. Panel member and writer – **focal cryotherapy. Consensus meeting**, Orlando, Florida 2005
7. Panel member and writer – **primary and salvage cryotherapy.** Consensus meeting, Atlanta, GA 2006
8. Serve as **safety officer** for ongoing clinical studies at the division of Urology and Radiation Oncology, UC-DENVER.
9. **Grand Rounds in Urology** presentations at least twice a year
10. Urology Research Conferences every Friday with post-doctorate students, researchers, fellows and research residents
11. Lectures on Prostate Cancer for community physicians at least 4 times per year (average, once per quarter)
12. Mentored Workshop for 1st and 2nd year Medical Students
13. Attends weekly Second Opinion Conference (Tumor Board) and Journal club

CONTINUING MEDICAL EDUCATION (CME) COURSES AND ACTIVITIES

1. *Faculty and invited speaker, Minimally Invasive intervention for localized prostate cancer. NYU, Langone Medical center. NY, June 21st 2009*
2. *Faculty and invited speaker, Town Hall Forum, Chicago, Il April 24th 2009.*
3. Invited Speaker at the Annual **2009 PCA3 symposium**, Feb 20-21st, Dallas, Tx.
4. Invited speaker, Emerging role of imaging technologies for early stage prostate cancer. **2nd Target Focal Therapy (TFT) of prostate cancer symposium**, Vail, Co, January 2009
5. Chairman: Hands on workshop for urologists and urogynecologists entitled: **Botulinum Toxin and Other Neuromodulators for the Treatment of Refractory Voiding Dysfunction. San Diego CA, March 2008 and September 2008 Dallas, TX**
6. Chair and course organizer for the **first international Targeted Focal Therapy of prostate cancer.** Vail Co February, 2008.
7. Invited lecturer and participant in the **Colorado Cancer Day** for patients and primary physicians. September 2007 and 2008.
8. Invited faculty **on needs assessment initiative on prostate cancer.** A CME educational effort. 2007
9. **The Virtual Lecture Hall.** Prostate cancer diagnosis, risk assessment and management. Feb.19.2003. http://www.vlh.com/shared/courses/authors/92_author.cfm
10. Invited Panel member, complex PSA - ready for prime-time? Lessons learned from adjuvant prostate studies: role of antiandrogens and other agents. **Perspectives in urology 14th** annual meeting. Phoenix, Arizona Nov 20th-23rd 2003.

11. Panel Discussion and independent consultant **Prostate Cancer Awareness Week** – relationship of testosterone, cholesterol and PSA. The 14th **prostate cancer updates conference**, Vail, Colorado. 2004

On going grants – Principal Investigator

- 1- The Application Of Target Cryotherapy In The Treatment Of Organ Confined Prostate Cancer. **Funded by Unrestricted educational grant**
- 2- Intraprostatic Injection of Botulinum Toxin for the Management of Benign Prostatic Hyperplasia. Phase I. **Funded by Unrestricted educational grant**
- 3- The **SCORE** study. Prospective multicenter salvage cryotherapy project. **Funded by Unrestricted educational grant.**
- 4- The role of Dutasteride in patient diagnosed with early stage prostate cancer, Randomized, placebo-controlled, double blinded study. **Funded by GSK**
- 5- The development of 3-Dimensional ultrasound imaging of the prostate. **Funded by Unrestricted educational grant.**
- 6- Prospective clinical validation of urinary PCA3 as a marker for early prostate cancer detection **Funded by unrestricted educational grant**

Submitted Grants (Pending) as PI

1. MR-Guided Laser Therapy for Targeted Treatment of Localized Prostate Cancer
2. The role of 3D mapping in decision making for prostate cancer treatment. NIH
3. The development of a dog model for focal Photo Dynamic Therapy (PDT) for the treatment of prostate cancer. Challenge grant proposal NIH
4. Exploratory study of the immune-response to focal cryotherapy in prostate cancer. Preliminary study. Seed grant application to the Department of surgery SOM UC DENVER.

RESEARCH ACTIVITIES (Co-Investigator)

Urological Oncology Department, University Hospital, Denver, Colorado

- Phase I dose escalation study - Botox for the treatment of LUTS
- NIH sponsored Phase II study of intraprostatic injection of Botox for treatment of BPH related symptoms.
- Targeted focal therapy of prostate cancer
- 3D US imaging of the prostate
- Analysis of the Colorado Tumor Registry
- Immunocryotherapy of prostate cancer
- Nuclear imaging of the prostate
- Racial disparity in QOL when diagnosed with Prostate cancer in Colorado.
- Multiple SWOG initiated trials
- MIST trials. Phase II/III efficacy of Botox in the treatment of BPH
- CAMUS trial

- The use of GSTP-1 hypermethylation to diagnose micro-metastasis in seminal fluid
- The use of Degarelix (LHRH antagonist) in prostate cancer
- Urinary PCA3 : A new marker for prostate cancer.

University of Colorado Health Sciences Center, Division of Urology

- The Molecular Basis Of Erectile Dysfunction
- Apoptosis: its importance in spermatogenic dysfunction, Book Chapter
- Effect of experimental varicocele on apoptosis testicular germ cell in rats
- The effect of prolonged cryptorchidism on germ cell apoptosis
- A Randomized Outcomes Trial of Ureteral Stents for Extracorporeal Shockwave Lithotripsy of Solitary Kidney

The Children Hospital, Department of Urology

Principal Investigator: **Martin Koyle**, M.D.

- Investigated Varicocele in adolescence
- Bowel surgery in pediatric Urology
- Hinman's syndrome manifestations in Down's syndrome patients
- Laparoscopy in UDT in children with previous negative inguinal exploration

BOOK CHAPTERS AND LEARNING VIDEO CHAPTERS:

- **FOCAL THERAPY IN PROSTATE CANCER**, edited by Manit Arya, Mark Emberton, Peter R. Carroll, Hashim U. Ahmed. Chapter 12. **Determining Success of Focal Therapy: Biochemical and Biopsy Strategies (In press) Al Barqawi**
- **PROSTATE CANCER: SURGICAL PRINCIPLES AND PRACTICE**, SECTION F. TREATMENT OF EARLY STAGE PROSTATE CANCER. Chapter 29. Androgen Deprivation for the Treatment of Prostate Cancer: General Principles; **Al B. Barqawi and David G. McLeod**
- Minimal Access Radical Prostatectomy. **Al B. Barqawi and E. David Crawford**

PUBLICATIONS (Peer reviewed journals)

2001

- 1- Peter Furness, **Al B. Barqawi**, Geoffrey Bisignani, Ross M. Decter. KLIPPEL-TRENAUNAY SYNDROME: 2 CASE REPORTS AND A REVIEW OF GENITOURINARY MANIFESTATIONS. **J Urol; 166: 1418-1420, 2001**

2002

- 2- **Al B. Barqawi**, Peter Furness, Martin Koyle. LAPAROSCOPIC VARICOCELECTOMY IN ADOLESCENCE IS SAFE POST IPSILATERAL INGUINAL SURGERY. **BJU International 89:269-272, 2002.**
- 3- Jamie B. Lowe, Peter D. Furness III, **Al B. Barqawi**, Martin A. Koyle, SURGICAL MANAGEMENT OF THE NEUROPATHIC BLADDER. **Seminars in Ped. Surg, Vol. 11, No 2 (May), 2002 120-7**
- 4- Martin Koyle, Peter Furness. **Al B. Barqawi**. LAPAROSCOPIC PALOMO VARICOCELE LIGATION IN CHILDREN AND ADOLESCENTS **Pediatric Endosurgery & Innovative Techniques, Vol. 6(1), 2002. 15-9**
- 5- Paramjit S Chandhoke., **Al B. Barqawi**., Ronald A., Chee-Awai, Carol Wernecke, Paulette H. Cohrs, And Jie Fan. A RANDOMIZED OUTCOMES TRIAL OF URETERAL STENTS FOR EXTRACORPOREAL SHOCKWAVE LITHOTRIPSY OF SOLITARY KIDNEY OR PROXIMAL URETERAL STONES. **J Urol; 167: 1981-1983, 2002**
- 6- Daneshgari, F.; Handel, L.; Banerjee, A., and **Al B. Barqawi**. ALTERATION IN THE TISSUE AND SIGNAL TRANSDUCTION CHARACTERISTICS OF THE BLADDER MAY BE RESPONSIBLE FOR ITS SUSCEPTIBILITY TO RECURRENT INFECTIONS IN DIABETES. **BJU International - Supplement. 2002 Sep; 90 (Supplement 2):26.**
- 7- Daneshgari, F.; Mascha, E.; DeAntoni, E., and **Al B. Barqawi**. PRIMARY CARE PHYSICIAN ASSESSMENT OF PREVALENCE OF BLADDER CONTROL PROBLEMS IN A MULTI-ETHNIC POPULATION. **BJU International - Supplement. 2002 Sep; 90 (Supplement 2):287.**
- 8- Koyle, M, **Al B. Barqawi**, Sorensen, C., and Krishnamurthy, M. USE OF THE DEFUNCTIONALIZED COLON (HARTMAN'S POUCH) IN PATIENTS WITH PERMANENT COLOSTOMIES FOR CONTINENT URINARY RECONSTRUCTION. **BJU International - Supplement. 2002 Sep; 90 (Supplement 2):212.**
- 9- Edward Kim, **Al B. Barqawi**, Randall Meacham. APOPTOSIS: IT'S IMPORTANCE IN SPERMATOGENIC DYSFUNCTION. **Urol Clin North Am. 2002 Nov; 29(4):755-65, vii.**
- 10- **Al B. Barqawi**, Peter Furness, Abelardo Errojan, Martin Koyle. THE MITROFANOFF PRINCIPLE AND VARIATIONS OF CONTINENT CUTANEOUS CATHETERIZABLE STOMAS. **Infections in Urology; 2002 Nov, Vol. 15 (4): 3-12**

2003

- 11- LiAnn. Handel, **Al B. Barqawi**, Peter D Furness, Martin A. Koyle. MALES WITH DOWN'S SYNDROME AND NONNEUROGENIC NEUROGENIC BLADDER. **J Urol. 2003 Feb; 169(2):646-9.**
- 12- Peter Furness, Padraig Malone, **Al B. Barqawi**, Martin Koyle. THE MITROFANOFF PRINCIPLE: INNOVATIVE APPLICATIONS IN CONTINENT URINARY DIVERSIONS. **Contemporary Urology 2003 Jan; Vol. 15 (1):30-45**
- 13- **Al B. Barqawi**, Martin A Koyle, Bruce Blythe, Gerald H Jordan, Richard M Ehrlich. THE ROLE OF LAPAROSCOPY IN THE PATIENT WITH PREVIOUS NEGATIVE INGUINAL EXPLORATION FOR IMPALPABLE TESTIS **Urology 2003 June; Vol. 61/6 pp 1234 – 1237**
- 14- **Al B. Barqawi** and E. David Crawford. CURRENT OPTIONS FOR TREATMENT OF PROSTATE CANCER AFTER BIOCHEMICAL FAILURE OF PRIMARY THERAPY. **New Urology Journal 2003 Vol. 1(1) pp 1-7** <http://www.newurology.com/prostate/index.aspx>
- 15- Michael Glode, **Al B. Barqawi**, Francis Crighton, Robert Kerbel, E. David Crawford. METRONOMIC THERAPY WITH CYCLOPHOSPHAMIDE AND DEXAMETHASONE FOR PROSTATE CANCER: A PHASE II CLINICAL TRIAL. **Cancer 2003 October, 98(8):1643-8.**
- 16- **Al B. Barqawi**, Judd Moul, Ali Ziada, LiANN Handel, David E. Crawford, THE EFFICACY AND TOLERABILITY OF A COMBINATION OF FINASTERIDE AND LOW DOSE FLUTAMIDE FOR PSA-ONLY RECURRENCE AFTER DEFINITIVE THERAPY. **Urology 2003 Nov, Vol. 62/5 pp 872-876**
- 17- **Al B. Barqawi**, Bulent Akduman, Zinelabidine Abouelfadel, Monica Robischon, E. David Crawford PHASE II TRIAL FOR THE USE OF FLUTAMIDE AS A SINGLE ANTIANDROGEN TREATMENT OF HORMONE REFRACTORY PROSTATE CANCER. **BJU International. 2003 Nov; 92(7):695**
- 18- Martin Koyle, **Al B. Barqawi**, Jody Wild, Michelle Passamaneck , Peter Furness 3rd. PEDIATRIC URINARY TRACT INFECTIONS: THE ROLE OF FLUOROQUINOLONES. **Pediatr Infect Dis J. 2003 Dec; 22(12):1133-1137.**

2004

- 19- **Al B. Barqawi**, Anthony Caruso, Randall Meacham, EXPERIMENTAL VARICOCELE INDUCES TESTICULAR GERM CELL APOPTOSIS. **J Urol. 2004 Jan; 171(1):501-3.**
- 20- **Al B. Barqawi**, Ian Thompson, E. David Crawford CHEMOPREVENTION OF PROSTATE CANCER; A REVIEW OF CLINICAL TRIALS IN THE US. **J Urol. 2004 Feb; 171 (2):S5-S9**
- 21- **Al B. Barqawi**, Ed Gamito, Colin O'Donnell, E. David Crawford. HERBAL AND VITAMIN SUPPLEMENT USE IN A PROSTATE CANCER SCREENING POPULATION. **Urology Volume 63, Issue 2 , February 2004, Pages 288-292**

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- 22- **Al B. Barqawi**, Richard Walsh, Randall Meacham, THE EFFECT OF PROLONGED CRYPTORCHIDISM ON GERM CELL APOPTOSIS AND TESTICULAR SPERM CONTENT IN RATS. **Asian J. Andrology** 2004 Mar;**6(1):47-51**.
- 23- Ali M. Ziada, **Al B. Barqawi**, Madeleine Kane, Susan Majeski, Marileila Varella-Garcia, Lin Chen, David E. Crawford, Michael Glode. PHASE II TRIAL: THE USE OF HERCEPTIN® IN THE TREATMENT OF HORMONE REFRACTORY PROSTATE CANCER. **Prostate**. 2004 Sep 1; **60(4):332-7**.
- 24- McManus MC, **Al B. Barqawi**, Meacham RB, Furness III PD, Koyle MA: LAPAROSCOPIC VARICOCELE LIGATION: ARE THERE ADVANTAGES COMPARED TO THE MICROSCOPIC SUBINGUINAL APPROACH? **Urology** Vol. 64/2, 2004 pp 357-360
- 25- E David Crawford, **Al B. Barqawi**. INTERMEDIATE-TO HIGH-RISK PROSTATE CANCER PATIENT TREATED WITH RADIATION THERAPY. **Oncology (Huntingt)**. 2004 Aug;**18(9):1105-10**.
- 26- **Al B. Barqawi**, Peter Furness III, Martin Koyle. LESSONS LEARNED FROM CHILDREN WITH CATHETERIZABLE STOMAS. **BJU International** 2004 Dec; **94, 1344-47**,
- 27- Martin A. Koyle, Siam Oottamasathien, **Al B. Barqawi**, Ashok Rajimwale, Peter D. Furness III LAPAROSCOPIC PALOMO VARICOCELE LIGATION IN CHILDREN AND ADOLESCENTS: RESULTS OF 103 CASES **J Urol**. 2004 Oct;**172(4 Pt 2):1749-52; discussion 1752**.
- 2005**
- 28- **Al B. Barqawi** and E. David Crawford. FOCAL THERAPY IN PROSTATE CANCER: FUTURE TRENDS. **BJU International**. 2005 Feb;**95(3):273-4**.
- 29- **Al B. Barqawi**, Brian Golden, Colin O'Donnell, E. David Crawford THE OBSERVED TPSA/CPSA CORRELATION WITH AGE AND OBESITY; ANALYSIS FROM THE PROSTATE CANCER AWARENESS WEEK (PCAW) **Urology**. 2005 Apr;**65(4):708-12**.
- 30- Ravi Kumar, **Al B. Barqawi**, E. David Crawford. **Epidemiology of prostate cancer**. Published by US Urology Journal on-line www.bbriefings.com/pdf/1033/Crawford.pdf
- 31- Ravi Kumar, **Al B. Barqawi**, E. David Crawford. PREVENTING AND TREATING THE COMPLICATIONS OF HORMONE THERAPY. **Curr Urol Rep**. 2005 May;**6(3):217-23**.
- 32- **Al B. Barqawi**, E. David Crawford. TESTOSTERONE REPLACEMENT THERAPY AND THE RISK OF PROSTATE CANCER. A PERSPECTIVE REVIEW **Int J Impot Res**. 2005 May 12; [Epub ahead of print]
- 33- **Al B. Barqawi**, Colin O'Donnell, E. David Crawford THE EFFECT OF LUTS ON ERECTILE DYSFUNCTION IN THE AGING MALE; ANALYSIS FROM THE PROSTATE CANCER AWARENESS WEEK **Int J Impot Res**. 2005 Jul-Aug;**17(4):370-4**
- 34- William DeFoor, Eugene Minevich, **Al B. Barqawi**, David Kitchens, Curtis Sheldon, and Martin Koyle. Perforation of Continent Cecostomy (ACE): Diagnosis and Management. **J Urol**. 2005 Oct; **174(4, Part 2 of 2):1644-1646**.

- 35-** Ravi Kumar, **Al B. Barqawi**, E. David Crawford. ADVERSE EVENTS ASSOCIATED WITH HORMONAL THERAPY OF PROSTATE CANCER. **Reviews in Urology July 2005;7(5): 144-149**
- 36-** Jesse Mills, **Al B. Barqawi**, Hari Koul, Randall Meacham. THE MOLECULAR BASIS OF ERECTILE DYSFUNCTION; FROM BENCH TO BEDSIDE. **Reviews in Urology August 2005;7(3):128-134**
- 37-** **Al B. Barqawi**, E. David Crawford. TESTOSTERONE REPLACEMENT THERAPY AND PROSTATE CANCER (STATE OF THE ART). **International Journal of impotence research 2005 Nov 10**
- 38-** Bulent Akduman **Al B. Barqawi**, E. David Crawford MINIMALLY INVASIVE SURGERY IN PROSTATE CANCER: CURRENT AND - FUTURE PERSPECTIVES. **Cancer J. 2005 Sep-Oct;11 (5):355-61.**
- 39-** **Al B. Barqawi**, E. David Crawford. THE IMPACT OF TESTOSTERONE LEVELS ON MEN'S HEALTH, SHOULD WE WORRY? **Aging health journal. October 2005. Vol. 1 No 2: 253-261**
- 40-** **Al B. Barqawi.** Minimally invasive treatment (MIT) in cancer. **Cancer J. 2005 May-Jun;11(3):252. letter to the editor**

2006

- 41-** Tom Flaig, **Al B. Barqawi**, Bernie Pistone, E. David Crawford, L. Michael Glode A PHASE II TRIAL OF THE USE OF A COMBINATION OF DEXAMETHASONE AND CARBOPLATIN FOLLOWING 1A, 25-DIHYDROXYVITAMIN D SUPPLEMENT IN PATIENTS WITH HORMONE REFRACTORY PROSTATE CANCER. **CANCER 2006 Jul 15;107(2):266-74**
- 42-** **Al B. Barqawi.** E. David Crawford. RE: PROSTATE CANCER IN MEN USING TESTOSTERONE SUPPLEMENTATION. F. D. Gaylis, D. W. Lin, J. M. Ignatoff, C. L. Amling, R. F. Tutrone and D. J. Cosgrove. **J Urol. 2006 Apr;175(4):1572-3; author reply 1573**
- 43-** **Al B. Barqawi.** TESTOSTERONE REPLACEMENT THERAPY: THE EFFECT ON QUALITY OF LIFE AND THE RISK OF PROSTATIC DISEASE. **Grand Round In Urology. 2006 Volume 4, Issue 3, 11- 15.**

2007

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- 44-** E. David Crawford, **Al B. Barqawi** TARGETED FOCAL THERAPY OF PROSTATE CANCER USING MINIMALLY INVASIVE THERAPY. **Oncology, Vol. 21, Number 1, Page 27-39 January 2007**
- 45-** James Lugg, **Al B. Barqawi**, John Rewcastle, Duke Bahn, Louis Pisters, John G. Baust, Bryan Donnelly, Neal D. Shore, John Lam, Ned Stein, Franco Lugnani, Clif Vestal, Daniel Rukstalis, E. David Crawford. CONSENSUS GUIDELINES ON CRYOTHERAPY IN PROSTATE CANCER. **Submitted to Urology 2007**
- 46-** E. David Crawford, **Al B. Barqawi**, Colin O'Donnell, Abraham Morgentaler. THE DIURNAL VARIATION OF SERUM TESTOSTERONE LEVELS IN THE AGING MALE **BJU International, BJU Int. 2007 Jul 31;100(3):509-513. Epub 2007 Jun 6.**
- 47-** **Al B. Barqawi**, Colin O'Donnell, E. David Crawford THE PREVALENCE OF ALPHA-BLOCKER INTAKE AND ITS APPERANT EFFECT ON LUTS AND ERECTILE DYSFUCTION IN A SCREENING POPULATION. **BJU Int. 2007 Oct;100(4):853-7. Epub 2007 Jul 23.**
- 48-** Flaig T, Crawford ED, Kavanagh B, Lucia S, La Rosa F, **Barqawi Al B**, Crighton F, Glode LM. PROSTATE CANCER IN A MAN WITH MULTIPLE PREVIOUS CANCERS. **Oncology (Williston Park). 2007 Apr;21(5):611-4.**
- 49-** Zheng Huang, Qun Chen, Kenneth C. Dole, **Al B. Barqawi**, Yang K. Chen, Dominique Blanc and Fred W. Hetzel. TOOKAD-MEDIATED PHOTODYNAMIC EFFECTS ON THE PROSTATE GLAND AND ITS ADJACENT TISSUES – *IN VIVO* STUDY IN A CANINE MODEL **Photochem Photobiol Sci. 2007 Dec;6(12):1318-24. Epub 2007 Aug 22.**
- 50-** **Al B. Barqawi**, J. Lugg, E. D. Crawford TARGET FOCAL THERAPY IN EARLY PROSTATE CANCER: INITIAL SINGLE INSTITUTION RESULTS. **Journal of Clinical Oncology, 2007 ASCO Annual Meeting Proceedings Part I. Vol 25, No. 18S (June 20 Supplement), 2007: 15574**
- 51-** **Al B. Barqawi**, ED Crawford, THE CURRENT USE AND FUTURE TRENDS OF FOCAL SURGICAL THERAPY IN THE MANAGEMENT OF LOCALIZED PROSTATE CANCER **Cancer J. 2007 Sep-Oct;13(5):313-7.**

2008

- 52-** **Al B. Barqawi**, ED Crawford. Emerging advances in High Intensity Focus Ultrasound (HIFU) for the treatment of localized prostate cancer. **Oncology February 2008**
- 53-** Joseph Dall'Era, Lauren N. Byrne, **Al B. Barqawi**. THE USE OF FINASTERIDE PLUS DOXAZOSIN COMBINATION THERAPY FOR TREATMENT OF LOWER URINARY SYMPTOMS RELATED TO BENIGN PROSTATIC HYPERPLASIA: APPLICATIONS IN THE AGING POPULATION. **Aging Health: Drug evaluation. Ahead of print 2008**
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