

AL B. BARQAWI MD, FRCS (Glasg)



CURRENT POSITION:

Al B. Barqawi MD FRCS Professor of Surgery/Urology

Director of the Prostate Cancer International Fellowship Program
University of Colorado School of Medicine
Division of Urology, MS C-319 , Academic Office One Bldg.
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www.alprostate.com/
al.barqawi@cuanschutz.edu

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 Denver, 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

WORK EXPERIENCE

➤ Faculty /Academic/ Clinical positions:

01. July.2021 - Current	Professor, Faculty Division of Urology University of Colorado SOM, Denver, Colorado.
01. July.2010 – 30. June. 2021	Associate Professor, Faculty Division of Urology University of Colorado SOM, Denver, Colorado.
01. July.2011 -30. June 2013	Director of the International Prostate Cancer Fellowship Program University of Colorado SOM, Denver, Colorado.
01. July.2006 - 30. June 2010	Assistant Professor, Faculty Division of Urology University of Colorado SOM, Denver, Colorado.
01. July.2003 – 30. June 2006	Instructor, Faculty Division of Urology University of Colorado SOM, Denver, Colorado, USA.
01. July.2003 - 12. Dec. 2013	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 SOM, 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. Bartholomew's 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

HONORS AND AWARDS

- 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- 2nd 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

2020- Current	University Of Colorado school of medicine admissions committee
2014 -Current	Laser safety committee, University of Colorado Hospital
2014- Current	Medical Education & Professional Development Advisory Committee, SOM
2012- 2015	Faculty and lecturer at the Medical Education Recourses (MER)
2009- 2017	Invited panel reviewer Congressionally Directed Medical Research Program (CDMRP) in prostate cancer. Department of Defense (DoD)
2008- 2012	Evidence Based Learning (EBL) Tutor. School of Medicine, UC-Denver
2008- 2010	Foundations of Doctoring Curriculum (FDC). Medical students' basic clinical skills Teaching. School of Medicine, UC-Denver
2007- 2017	Invited Panel reviewer: National Science foundation (NSF) SPIR/STTR Panel.
2007- 2009	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 on Testicular cancer by British Medical Journal (BMJ) best practice Module
2009- 2010	Grant reviewer for University of Michigan's Claude Pepper Older Americans Independence Center , and Nathan Shock Center for the Biology of Aging.
2011- 2012	Grant Reviewer for the University College of London (UCL). London, United Kingdom
2007 - 2014	Distinguished Faculty of the TU (Testosterone update) CME program http://testosteroneupdate.org/distinguished_faculty.php
2003- Current	Active Member and regular presenter of the Cancer Center, UC-Denver

LICENSURE AND BOARD CERTIFICATION

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

EDITORSHIPS AND SCIENTIFIC JOURNAL REVIEWER

1. **Guest Editor** Recent Advances in Prostate Cancer Treatment for the Journal of Clinical Medicine 2020 and 2021
2. **Principal Author:** BMJ Best Practice, Updates to Testicular Cancer June 2019
3. **Editor-in-Chief:** Medical & Surgical Urology—2009 to 2020
<https://www.longdom.org/editor/al-b-bargawi-5428>
4. Guest editor for “**Oncology**” Journal, second opinion challenging cases bi-monthly columns since January 2005- 2014.
5. Editorial Panel: **Aging Health Journal**.
6. **Guest editor to the Prostate Cancer in the elderly Focus Edition, November 2008**
7. Editorial Panel: **World Journal of Oncology**, 2009 - 2014.
8. 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- *Educational Assessment Reviewer* on Urology Competence, CPEP, SCI Summary Report and Chart Review, 2019 -2025, Denver, CO. CPEP (Assessment and Education for Physicians and Other Healthcare Professionals. <https://www.cpepdoc.org/>
- 2- Invited Case review for Colorado Medical Board since 2017
- 3- Featured and contributed to the **Wall Street journal** health editorials 04/06/2009
<http://online.wsj.com/public/page/news-health-industry.html>
- 4- Contributor to Men’s Health Magazine Numbers to Live by. July 2013
<http://www.menshealth.com/health/numbers-live>

- 5- 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>
- 6- 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>
- 7- Appeared on CBC (Channel 4) to discuss treatment options for early stage prostate cancer.
<http://cbs4denver.com/seenon/kcnc.health.news.2.555649.html>
- 8- The UCH insider: Covered my story on laser therapy and focal cryotherapy / 3D mapping reconstruction of ultrasound imaging. 2009
- 9- 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.
- 10- FOX 31 5.8.14 [Doctors caution treatments for low testosterone in men](#)
- 11- CBS 4 5.9.14 [Low-T Patients Poised To Sue Drug Makers](#) Dr. Al Barqawi, a urologist at the University of Colorado Hospital, told CBS4 he thinks testosterone drugs are being over-prescribed in part because people are being bombarded by TV ads.
- 12- Active invited contributor and consultant to the university Physician WellPoint medical policies committees, UPI.
- 13- Serve 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. **Preceptor Physician Assistant program**, University of Colorado, School of PA 2018-2020
2. *In-service training*, **Rezumi and Green Light Laser** Boston Scientific Resident Lab – University of Colorado School of Medicine, Department of Surgery, Division of Urology, 2019
3. *Panelist*, BPH Panel Discussion. Annual Meeting of RMUS, Plenary Session, Denver, CO April 2019.
4. **Management of Early Stage Prostate Cancer: Current and Future Trends**. Dept of Surgery's Grand Rounds on April 13th. 2015.
5. Invited Panel Faculty at the **Rocky Mountain Urological Society RMUS**. March 2015 Greenwood village Colorado BPH management
6. **Director of the Prostate Cancer International Fellowship Program 2011 -2013**. A full time fellowship. Sponsored by the Saudi Cultural Office, Washington DC
7. **Chair - Three-Dimensional Mapping Biopsy and Nerve Sparing Cryotherapy of the Prostate August 16th and 17th, 2012**
8. Invited visiting professor at the **King Hussein Cancer Center, Amman, Jordan, March 2009**.
9. Regular invited speaker: **Prostate Cancer Support Group. University Of Colorado Health Sciences Center. US&TOO**
10. **Invited speaker** at the American Society of Reproductive Medicine Annual Meeting, Denver, Co 2010
11. Invited lecturer at the **cancer center**.
12. Invited speaker teaching grand rounds: **departments of Radiation Oncology and medical Oncology**.

13. 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.
14. Panel member and writer – **focal cryotherapy. Consensus meeting**, Orlando, Florida 2005
15. Panel member and writer – **primary and salvage cryotherapy**. Consensus meeting, Atlanta, GA 2006
16. Served as **safety officer** for ongoing clinical studies at the division of Urology and Radiation Oncology, UC-DENVER.
17. **Grand Rounds in Urology** presentations twice a year 2003 -2008
18. Urology Research Conferences every Friday with post-doctorate students, researchers, fellows and research residents
19. Lectures on Prostate Cancer for community physicians at least 4 times per year (average, once per quarter)
20. Mentored Workshop for 1st and 2nd year Medical Students
21. Attends weekly Second Opinion Conference (Tumor Board) and Journal club

CONTINUING MEDICAL EDUCATION (CME) COURSES AND ACTIVITIES

1. 1st national Hands-on training course for cryotherapy of the prostate 1/10/2020
2. Invited Panel Faculty Advances in prostate cancer: **Management and treatment viewing** University of Colorado hospital June 11-12, 2018
3. Invited Panel Faculty at the **95th Annual Meeting of the South-Central Section of the AUA**, Colorado Springs, CO 80906 **Surgical Management of BPH – Procedure Selection Debate** Sept. 30th 2016
4. **Medical Education Resources Faculty and regular lecturer. 2010-2015. 2 events yearly. Targeted audiences' Primary physicians and nurses nationwide.**
5. **Department of Surgery SOM - early stage prostate cancer march 2015**
6. **Faculty and invited speaker, Minimally Invasive intervention for localized prostate cancer. NYU, Langone Medical center. NY, June 21st 2009**
7. **Faculty and invited speaker, Town Hall Forum, Chicago, IL April 24th 2009.**
8. Invited Speaker at the Annual **2009 PCA3 symposium**, Feb 20-21st, Dallas, Tx.
9. **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**
10. **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**
11. **Chair and course organizer for the first international Targeted Focal Therapy of prostate cancer. Vail Co February, 2008.**
12. Invited lecturer and participant in the **Colorado Cancer Day** for patients and primary physicians. September 2007 and 2008.
13. Invited faculty **on needs assessment initiative on prostate cancer**. A CME educational effort. 2007
14. **The Virtual Lecture Hall. Prostate cancer diagnosis, risk assessment and management.** Feb.19.2003. http://www.vlh.com/shared/courses/authors/92_author.cfm
15. 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.

16. Panel Discussion and independent consultant **Prostate Cancer Awareness Week** – relationship of testosterone, cholesterol and PSA. The 14th **prostate cancer updates conference**, Vail, Colorado. 2004
17. BPH Panel Discussion **Integration of Functional Reconstructive Urology with Endourology (IFRUE) meeting August 14-17, 2025**

CURRENT GRANT FUNDING – PRINCIPAL INVESTIGATOR

- 1- **Pivotal Study of the NanoKnife System for Ablation of Prostate Tissue in an Intermediate-Risk Patient Population.** Investigator initiated study AngioDynamics, Inc. \$96000
- 2- **Prospective Outcome Analysis of Partial and Complete Cryo-Ablation in Organ Confined Prostate Cancer** \$ 700,000 Unrestricted grant “The Steinberg foundation”
- 3- **Laser vaporization in the management of BPH.** Educational grant. Boston Scientific Inc \$20,000
- 4- **BPH and UWIN validation** Private donation via the CU foundations \$20,000 per year. (The McCormick Foundation)
- 5- The Application Of Target Cryotherapy In The Treatment Of Organ Confined Prostate Cancer. **Funded by Unrestricted educational grant Endocare Inc. \$25,000**

PRINCIPAL INVESTIGATOR IN RESEARCH STUDIES

19-1660 Start:06-Aug-2019	THE IMPACT OF ADDITIONAL 3D MAPPING BIOPSY PRIOR TO PRIMARY CRYOTHERAPY OR RADICAL PROSTATECTOMY FOR TREATMENT OF PROSTATE CANCER ON QUALITY OF LIFE AND RECURRENCE RATE IN COMPARISON TO STANDARD 12 CORE TRANS-RECTAL PROSTATE BIOPSY ALONE	Investigator initiated study PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
19-1076 Start:08-May-2019	THE SAFETY AND EFFICACY OF GREENLIGHT LASER IN PATIENTS WITH BENIGN PROSTATIC HYPERTROPHY RELATED LOWER URINARY TRACT SYMPTOMS AND BLADDER NECK PRESERVATION	Boston Scientific Investigator initiated study PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
17-0952 Start: 08-May-2017	ANDROGEN DEPRIVATION THERAPY WITH OR WITHOUT RADIUM-223 DICHLORIDE IN PATIENTS WITH NEWLY DIAGNOSED METASTATIC PROSTATE CANCER WITH BONE METASTASES: HCRN GU13-170	PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
17-0305 Start:11-Dec-2017	PROSPECTIVE EVALUATION OF THE INCIDENCE OF EXTRAINTESTINAL PATHOGENIC ESCHERICHIA COLI (EXPEC) DISEASE, O-SEROTYPE PREVALENCE OF EXPEC, EXPEC CASE DEFINITION, AND HEALTH OUTCOMES FOLLOWING TRANSRECTAL ULTRASOUND-GUIDED PROSTATE NEEDLE BIOPSY (TRUS-PNB)	Janssen Research & Development LLC PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
16-0568 Start:02-Apr-2019	COMPLICATION RATE AND RESULTS IN MEN UNDERGOING TRANSRECTAL ULTRASOUND	No Sponsor Investigator initiated study

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	GUIDED PROSTATE BIOPSY	PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
15-0078 Start:	LENGTH OF STAY AND READMISSION RATES AT 30 AND 90 DAYS FOR GREENLIGHT LASER THERAPY OF BENIGN PROSTATIC HYPERPLASIA (BPH).	Investigator initiated study PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
14-0990 Start:26-Apr-2015	EXTENDED URODYNAMICS UWIN VALIDATION	Investigator initiated study PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
14-0099 Start:25-Sep-2018	PROSPECTIVE OUTCOME ANALYSIS OF PARTIAL AND COMPLETE CRYO-ABLATION IN ORGAN CONFINED PROSTATE CANCER	Investigator initiated study PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
14-0071 Start:13-Dec-2018	THE IMMUNO-RESPONSE TO PRIMARY CRYOTHERAPY FOR THE TREATMENT OF PROSTATE CANCER	HealthTronic, Inc. Investigator initiated study PI - Barqawi Albaha Zuhair 20306--SOM-SRG-CH GENERAL OPERATIONS
13-2202 Start:02-Dec-2013	CRYOTHERAPY FOLLOW-UP STUDY AND OUTCOME ANALYSIS	Investigator initiated study PI - Barqawi Albaha Zuhair 20306--SOM-SRG-CH GENERAL OPERATIONS
12-0954 Start: 01-Nov-2014	THE IMMUNO-RESPONSE TO PRIMARY CRYOTHERAPY FOR THE TREATMENT OF PROSTATE CANCER.	Endo Pharmaceuticals, Inc. PI - Barqawi Albaha Zuhair 20306--SOM-SRG-CH GENERAL OPERATIONS
12-0481 Start:04-May-2012	THE UTILITY OF 3-DIMENSIONAL MAPPING BIOPSY FOR ACCURATELY DIAGNOSING PROSTATE TUMOR BURDEN	Investigator initiated study PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
11-1625 Start:08-Jun-2012	CLINICAL VALIDATION OF UWIN QUESTIONNAIRE	Investigator initiated study PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
11-1534 Start:21-Dec-2011	A Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation, Multicenter, Safety and Efficacy Study of a Single Transrectal Intraprostatic Treatment of PRX302 for Lower Urinary Tract Symptoms Secondary to Benign Prostatic Hyperplasia	Sophiris Bio Inc PI - Barqawi Albaha Zuhair 20306--SOM-SRG-CH GENERAL OPERATIONS
10-0839 Start:14-Feb-2012	A MULTICENTER, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, PARALLEL GROUP STUDY OF EFFICACY AND SAFETY OF INTRAPROSTATIC ADMINISTRATION OF BOTOX 200u (BOTULINUM TOXIN TYPE A) PURIFIED NEUROTOXIN COMPLEX TO TREAT LOWER URINARY TRACT SYMPTOMS DUE TO BENIGN PROSTATIC HYPERPLASIA	Allergan, Inc. PI - Barqawi Albaha Zuhair 20068 -- SOM-CC UROLOGY SP PGMS/GIFTS
10-0530 Start:10-Jun-2011	Interstitial Focal Laser Therapy With MRI Thermal Guidance	Investigator initiated study PI - Barqawi Albaha Zuhair 20068 -- SOM-CC UROLOGY SP PGMS/GIFTS
10-0303 Start:	THE ROLE OF 3D MAPPING BIOPSY OF THE PROSTATE IN DECISION MAKING FOR TREATMENT OF EARLY STAGE PROSTATE	Investigator initiated study Barqawi Albaha Zuhair 20068 -- SOM-CC UROLOGY SP

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	CANCER	PGMS/GIFTS
09-0268 Start:18-May-2009	A Retrospective Analysis on the Role of Dutasteride on Early Stage Prostate Cancer Amongst 3D Mapping Biopsy Patients	Investigator initiated study PI - Barqawi Albaha Zuhair 20067--SOM-CC SponsrdPgms/Gifts
09-0247 Start:02-Mar-2012	A RANDOMIZED PLACEBO-CONTROLLED, DOUBLE-BLIND CLINICAL TRIAL TO ASSESS THE ROLE OF DUTASTERIDE IN PATIENTS UNDERGOING 3D MAPPING BIOPSY IN EARLY STAGE PROSTATE CANCER.	Glaxosmith Kline Research and Development Limited Barqawi Albaha Zuhair 20067--SOM-CC SponsrdPgms/Gifts
07-0442 Start:	VALIDATION OF A NOVEL URINE MARKER FOR PROSTATE CANCER: A FOLLOW-UP STUDY OF PCAW PARTICIPANTS	Gen-Probe, Inc. PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
06-1040 Start:05-Mar-2013	A PROSPECTIVE MULTI-CENTER REGISTRY OF SALVAGE CRYOTHERAPY IN RECURRENT PROSTATE CANCER STUDY	PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
06-0728 Start:16-Aug-2006	DEVELOPMENT OF A 3D ULTRASOUND IMAGING OF THE PROSTATE	PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
05-0045 Start:03-Feb-2005	A RETROSPECTIVE ANALYSIS OF A SECOND LOOK PATHOLOGICAL EVALUATION OF PATIENTS REFERRED WITH POSITIVE TRUS BIOPSY BEFORE RADICAL PROSTATECTOMY	PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical
04-0205 Start:29-Jan-2010	INTRAPROSTATIC INJECTION OF BOTULINUM TOXIN FOR THE MANAGEMENT OF BENIGN PROSTATIC HYPERPLASIA. PHASE I TRIAL	Allergan Inc PI - Barqawi Albaha Zuhair 20341--SOM-SRG-UR DIV Clinical

CO- INVESTIGATOR

14-0909 Start:05-Aug-2019	AN OPEN LABEL, RANDOMIZED, PHASE II TRIAL OF METABOLIC COMPLICATIONS IN PATIENTS TREATED WITH ENZALUTAMIDE VS STANDARD ADT FOR THE TREATMENT OF HORMONE SENSITIVE PROSTATE CANCER	Astellas Pharma U.S., Inc. Kessler Elizabeth Riley 20214--SOM-MED-ONC GENERAL OPERATIONS
09-0695 Start:27-Aug-2009	AN OPEN-LABEL, MULTI-CENTRE, RANDOMISED, PARALLEL-ARM, ONE-YEAR TRIAL, COMPARING THE EFFICACY AND SAFETY OF DEGARELIX THREE-MONTH DOSING REGIMEN WITH GOSERELIN ACETATE IN PATIENTS WITH PROSTATE CANCER REQUIRING ANDROGEN DEPRIVATION THERAPY. SPONSOR PROTOCOL NO. FE 200486 CS35; WIRB PROTOCOL NO. 20091569	Ferring Pharmaceuticals Crawford E David 20067--SOM-CC SponsrdPgms/Gifts
09-0427 Start:16-Jul-2009	A RANDOMIZED, CONTROLLED, OPEN-LABEL TRIAL OF DEGARELIX INTERMITTENT THERAPY VS. CONTINUOUS ANDROGEN DEPRIVATION THERAPY WITH LEUPROLIDE OR DEGARELIX IN PATIENTS WITH CARCINOMA OF THE	Ferring Pharmaceuticals Crawford E David 20068 -- SOM-CC UROLOGY SP PGMS/GIFTS

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	PROSTATE WITH BIOCHEMICAL FAILURE AFTER LOCALIZED THERAPY. Sponsor Protocol No. FE 200486 CS37; WIRB Protocol No. 2009114	
13-2467 Start:22-Apr-2014	S1216, "A PHASE III RANDOMIZED TRIAL COMPARING ANDROGEN DEPRIVATION THERAPY + TAK-700 WITH ANDROGEN DEPRIVATION THERAPY + BICALUTAMIDE IN PATIENTS WITH NEWLY DIAGNOSED METASTATIC HORMONE Sensitive Prostate Cancer"	SWOG Maroni Paul Daniel 20341--SOM-SRG-UR DIV Clinical
13-2416 Start:26-Jun-2019	PILOT STUDY OF THE EFFECTS OF ANDROGEN DEPRIVATION THERAPY ON GERIATRIC HEALTH AND PHYSICAL FUNCTION IN MEN OVER 65 YEARS WITH PROSTATE CANCER	Conquer Cancer Foundation Kessler Elizabeth Riley 20067--SOM-CC SponsrdPgms/Gifts
13-2086 Start:18-Sep-2014	AN OPEN REGISTRY TO MEASURE THE IMPACT OF ADDING GENOMIC TESTING (PROLARIS®) ON THE TREATMENT DECISION FOLLOWING BIOPSY IN NEWLY DIAGNOSED PROSTATE CANCER PATIENTS	Myriad Genetics Crawford E David 20290--SOM-RADONC GENERAL OPERATIONS
13-1398 Start:09-Apr-2013	3 TESLA MRI OF THE PROSTATE AND MR GUIDED LASER ABLATION OF PROSTATE CANCER	Patel Nayanaben Uday 20295--SOM-RAD GENERAL OPERATIONS
12-0961 Start:11-Jul-2019	AN OBSERVATIONAL ANALYSIS OF QUALITY OF LIFE AND TREATMENT EFFECTIVENESS IN PATIENTS AFTER 3D STAGING BIOPSY	None Maroni Paul Daniel 20068 -- SOM-CC UROLOGY SP PGMS/GIFTS
10-1058 Start:	COMPARISON OF MAPPING BIOPSY OF THE PROSTATE WITH PATHOLOGY AT PROSTATECTOMY FOR PROSTATE CANCER	Maroni Paul Daniel 20306--SOM-SRG-CH GENERAL OPERATIONS
00-598 Start:12-Oct-2000	A QUESTIONNAIRE BASED STUDY TO DETERMINE THE INCIDENCE OF POST-PROSTATECTOMY INCONTINENCE, IMPOTENCE AND SEXUAL FUNCTION	Crawford E David 20290--SOM-RADONC GENERAL OPERATIONS
07-0183 Start:09-Dec-2010	A MULTICENTER DOUBLE-BLIND CLINICAL TRIAL OF SERENOA REPENS FOR BENIGN PROSTATIC HYPERPLASIA (COMPLEMENTARY AND ALTERNATIVE MEDICINE FOR UROLOGICAL SYMPTOMS [CAMUS]-- NIH U01 DK063833)	National Institute of Diabetes and Digestive and K Crawford E David 20290--SOM-RADONC GENERAL OPERATIONS
07-0182 Start:29-Mar-2019	RANDOMIZED PHASE III STUDY OF NEO-ADJUVANT DOCETAXEL AND ANDROGEN DEPRIVATION PRIOR TO RADICAL PROSTATECTOMY VS IMMEDIATE RADICAL PROSTATECTOMY IN PATIENTS WITH HIGH RISK CLINICALLY LOCALIZED PROSTATE CANCER.	Alliance for Clinical Trials In Oncology Maroni Paul Daniel 20214--SOM-MED-ONC GENERAL OPERATIONS
09-0218	A PHASE 3, RANDOMIZED, DOUBLE-	Cougar Biotechnology, Inc.

11/04/25

Start:11-May-2009

BLIND, PLACEBO-CONTROLLED
STUDY OF ABIRATERONE ACETATE
(CB7630) PLUS PREDNISONE IN
ASYMPTOMATIC OR MILDLY
SYMPTOMATIC PATIENTS WITH
METASTATIC CASTRATION-
RESISTANT PROSTATE CANCER.
Sponsor Protocol No. COU-AA-302. WIRB
Protocol No. 20090335

Flaig Thomas William
20067--SOM-CC SponsrdPgms/Gifts

08-1058

Start:17-Dec-2008

GRADING SPECIAL HISTOLOGIC
PATTERNS IN PROSTATE CANCER

Iczkowski Kenneth Alan
20112--SOM-Pathology

BOOK CHAPTERS AND LEARNING VIDEO CHAPTERS:

- ***PROSTATE CANCER DIAGNOSIS: PSA, BIOPSY, AND BEYOND***, edited by: **J. Stephen Jones, MD, FACS, MBA, CHAPTER 17: Section Three Prostate Biopsy: Optimizing the procedure, Transperineal biopsy. Vassilis J Siomos MD, E David Crawford MD, and Al Barqawi MD**
- **CHEMOPREVENTION IN PROSTATE CANCER** edited by **SIRINJAM, Jason Philips MD and Al Barqawi MD**
- **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 . Al Barqawi MD, Paul Maroni MD**
- ***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 (Teaching video). 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
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PRESENTATIONS AND PUBLISHED ABSTRACTS:

- 1-**Al B. Barqawi**, Peter Furness Martin Koyle LAPAROSCOPIC VARICOCELECTOMY IN ADOLESCENCE IS SAFE POST IPSILATERAL INGUINAL SURGERY **BAUS Annual meeting, 24-28 June 2001, SECC, Dublin, Ireland**
- 2-**Al B. Barqawi**, Vic Spitzer , Firouz Daneshgari. THREE - DIMENSIONAL DISSECTION OF THE FEMALE PELVIS INCLUDING NAVIGATION TO SACRAL NERVE. **AUA annual meeting 2001, Anaheim, California**
- 3-**Al B. Barqawi**, Firouz Daneshgari. PREVALENCE OF BLADDER CONTROL PROBLEMS IN A MULTI – ETHNIC POPULATION. POSTER SESSION **South Central Section of the AUA 80th annual meeting, 2001, Austin, Texas**
- 4-**Al B. Barqawi**, Peter Furness Martin Koyle. LAPAROSCOPIC VARICOCELECTOMY IN ADOLESCENCE IS SAFE POST IPSILATERAL INGUINAL SURGERY **South Central Section of the AUA 80th annual meeting, 2001 Austin, Texas**
- 5-LiAnn Handell, **Al B. Barqawi**, Firouz Daneshgari. ALTERATIONS IN THE ULTRASTRUCURAL AND MOLECULAR CHARACTERISTICS OF BLADDER MAY BE RESPONSIBLE FOR ITS SUSCEPTIBILITY TO FREQUENT INFECTIONS IN DIABETES **South Central Section of the AUA 80th annual meeting, 2001 Austin, Texas**
- 6-Martin Koyle, **Al B. Barqawi**, Peter Furness THE LAPAROSCOPIC APPROACH USING THE LigaSure™ TO HIGH LIGATION OF THE ARTERY AND VEIN IN TEENAGERS WITH VARICOCELE – (VIDEO SESSION). **Presented at The South Central Section of the AUA 80th annual meeting, 2001 Austin, Texas**
- 7-Koyle Martin A, **Al B. Barqawi** and Furness III Peter D. LAPAROSCOPIC VARICOCELE LIGATION IN CHILDREN AND ADOLESCENTS. **10TH CONGRESS FOR ENDOSURGERY IN CHILDREN, sponsored by IPEG. Brisbane, Australia. March 22-24, 2001.**
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WITH VARICOCELE (Video session) **South Central Section of the AUA 80th annual meeting, 2001 Austin, Texas**

- 11- Martin A. Koyle., Mark Lovell, LiAnn Handel, **Al B. Barqawi**. Peter Furness III. VAGINAL DISCHARGE AND BLEEDING IN GIRLS LESS THAN 6 YEARS: EVALUATION, FINDINGS AND RECOMMENDATIONS. **American Academy of Pediatrics Annual meeting, 2001, San Francisco, California.**
- 12- Michael C McManus, **Al B. Barqawi**, Randall B Meacham, , Peter D Furness, Martin A Koyle . LAPAROSCOPIC VARICOCELE LIGATION: ARE THERE ADVANTAGES COMPARED TO THE MICROSCOPIC SUBINGUINAL APPROACH? **AUA annual meeting 2002, Florida.**
- 13- Sorensen,C, Lowe J, **Barqawi Al B.**, Furness III PD and Koyle MA. Noncompliance, Continent Urinary Reconstruction and the Stapled Bowel Anastomosis: A Recipe for Fistula. **81st Annual Meeting of the South Central Section of the American Urological Association, Colorado Springs, CO. October, 2002.**
- 14- **Al B. Barqawi**, Jamie Lowe, Peter Furness Martin Koyle LESSONS LEARNED FROM CHILDREN WITH CATHETERIZABLE STOMAS. **BAUS Annual meeting, 24-28 June 2002, SECC, Glasgow, UK.**
- 15- **Al B. Barqawi**, Bruce Blythe, Gerald H Jordan, Richard M Ehrlich, Martin A Koyle. THE ROLE OF LAPAROSCOPY IN THE PATIENT WITH PREVIOUS NEGATIVE INGUINAL EXPLORATION FOR IMPALPABLE TESTIS. **BAUS Annual meeting, 24-28 June 2002, SECC, Glasgow, UK.**
- 16- John W. Huffer, **Al B. Barqawi**, Randall B. Meacham,, SUCCESS RATES FOR INVITRO FERTILIZATION IN THE PRESENCE OF PROFOUND MALE FACTOR INFERTILITY. **South Central Section of the AUA 81st annual meeting, 2002 Colorado Springs, Colorado**
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- 18- **Al B. Barqawi**, Mike Glode, ED Crawford. THE METRONOMIC TREATMENT OF HRPc WITH CYCLOPHOSPHAMIDE AND PREDNISOLONE. **The 13th prostate cancer updates conference, Vail, Colorado. 2003**
- 19- Koyle MA, Oottamasathien S, **Al B. Barqawi**, Rajimwale A, Furness III PD: LAPAROSCOPIC PALOMO VARICOCELE LIGATION: RESULTS IN 103 CONSECUTIVE CASES. **American Urological Association Annual Meeting Chicago, Illinois: April 26 – May 1st, 2003.**
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- 25- **Al B. Barqawi**, Paul D. Maroni, E. David Crawford, Robert E. Donohue. PREVIOUS NEGATIVE PROSTATE BIOPSIES PREDICT LOWER GLEASON GRADE AND LOWER PERCENTAGE OF POSITIVE CORES IN PATIENTS WITH CANCER. **SIU annual meeting 2004 Honolulu, Hawaii**
- 26- **Al B. Barqawi**, Colin O'Donnell, Scott Lucia and E. David Crawford. A RETROSPECTIVE ANALYSIS OF A SECOND LOOK PATHOLOGICAL EVALUATION OF PATIENTS REFERRED WITH POSITIVE TRUS BIOPSY BEFORE RADICAL PROSTATECTOMY. **SIU annual meeting 2004 Honolulu, Hawaii**
- 27- Martin Koyle and **Al B. Barqawi**. DERMABOND ALONE AS A DRESSING IN OPEN PEDIATRIC UROLOGICAL SURGERY. **SIU annual meeting 2004 Honolulu, Hawaii**
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- 46- Suri, L. Li, A. **Al B. Barqawi**, D. Crawford, "SEMI-AUTOMATED VS. AUTOMATED PROSTATE BOUNDARY ESTIMATION FROM 3-D TRANSRECTAL ULTRASOUND IMAGES", **CARS 2007**.
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- 66- **Al B. Barqawi,** The role of PCA3 urine marker in patients undergoing focal treatment of prostate cancer. **2009 PCA3 Symposium, February 20th-21st Dallas, TX**
- 67- **Al B. Barqawi.** Modalities for Imaging of Prostate Cancer Foci: 3D-Mapping Biopsy. **2009, 19th International Prostate Cancer Update, Vail CO**
- 68- Kathryn F Sullivan, **Al B. Barqawi,** E David Crawford, Michael P. O'Leary, Colin I. O'Donnell, Paul D Maroni A REDUCED AMERICAN UROLOGICAL ASSOCIATION SYMPTOM SCORE. **AUA Annual Meeting 2009, The Journal of Urology April 2009 (Vol. 181, Issue 4, Page 596) [Full-Text PDF \(74 KB\)](#)**
- 69- Daniel J. Tandberg, E David Crawford, Paul B Arangua, Kathryn F. Sullivan, **Al Barqawi,** Paul D Maroni, Colin I. O'Donnell PROSTATE VOLUME REDUCTION WITH DUTASTERIDE PRIOR TO MAPPING BIOPSIES. **AUA Annual Meeting 2009, The Journal of Urology, April 2009 (Vol. 181, Issue 4, Page 58) [Full-Text PDF \(48 KB\)](#)**
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- 74- **Al Barqawi MD**, Targeted Focal Therapy for Treatment of Early Stage Prostate Cancer: Initial Results of a Prospective Institutional Study. **South central section 2009, Phoenix Arizona.**
- 75- Kathrine Sullivan, **Al barqawi**, E. David Crawford, A Reduced American Urological Association Symptom Score. **South central section 2009, Phoenix Arizona.**
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- 80- Kevin Krughoff, Jason Phillips, Khadijah Eid, Colin O'donnell, **Al Barqawi** University of Colorado, The Utility Of 3-Dimensional Mapping Biopsy For Accurately Diagnosing Prostate Tumor Burden **Poster# 18. Annual Meeting of the South Central Section of the AUA, Colorado springs, Co. 2012**
- 81- Khadijah Eid, Kevin Krughoff, Jason Phillips, Colin O'Donnell, **Al Barqawi** Validation Of The Uwin Score As Compared To The Modified AUA-SS In Assessing Lower Urinary Tract Symptoms In The Clinical Setting. **Poster# 33. Annual Meeting of the South Central Section of the AUA, Colorado springs, Co 2012**
- 82- Jason Phillips, Kevin Krughoff, E. David Crawford, Khadijah EID, Colin O'Donnell, **Al Barqawi**. Targeted Focal Cryotherapy (Tft): Single Center Prospective Experience For Low Grade Prostate Cancer. **Poster# 4218. Annual Meeting of the South Central Section of the AUA, Colorado springs, Co 2012**

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- 84- Arezoo Bahramirad BS, Kevin Krughoff BA, Colin O'Donnell PhD, **Al Barqawi MD** OBJECTIVE MEASURES VALIDATION OF UWIN COMPARED TO AUA-SS Reference #: 20 **South Central Section of the AUA Phoenix, AZ 2015**
- 85- **Barqawi, Al M.D**, Blubbaum, Aleksandar, B.A., O'Donnell, Collin M.A Quach, Alan B.A., PREDICTIVE FACTORS OF INFECTIOUS COMPLICATIONS FOLLOWING TRANSRECTAL ULTRASOUND-GUIDED PROSTATE NEEDLE BIOPSY. Reference #33. Presented at **South Central Section of the AUA, Nashville, TN 2018**
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- 87- **Barqawi, Al MD**, Rodrigo Rodrigues Pessoa, MD, Tracey McDermott, BA BS, Mohammed Al-Musawi, MB ChB MSc FIBMS, Colin O'Donnell, PhD. THE IMPACT OF ADDITIONAL 3D MAPPING BIOPSY PRIOR TO PRIMARY CRYOTHERAPY FOR TREATMENT OF PROSTATE CANCER ON QUALITY OF LIFE AND RECURRENCE RATE. University of Colorado, Dept. of Surgery, Division of Urology. Poster #48 **Annual South Central Section of the AUA, Colorado Springs, CO 2019. and podium presentation at AUA Annual Meeting Washington DC May 2020,**