

University of California, San Francisco
CURRICULUM VITAE

Name: Antonio C Westphalen, MD, PhD, FSAR

Position: Professor In Residence, Step 1
Radiology
School of Medicine

Director, Clinical Prostate MR Imaging

.
Professor of Urology (shared appointment)

.
MR Safety Committee, Chair

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EDUCATION

1989 - 1995	Universidade Federal do Rio Grande do Sul, Brazil (In Brazil, as in many European countries, entry into medical school follows immediately after high school.)	M.D.
1998 - 1999	Resident, Radiology, Instituto de Cardiologia do Rio Grande do Sul, Brazil	
2000 - 2001	Resident, Radiology, Hospital Moinhos de Vento, Brazil	
2004 - 2005	Clinical Fellow in Abdominal Imaging, Department of Radiology, University of California, San Francisco	
2005 - 2006	Clinical Fellow (T32 - NIH supported research year), Department of Radiology, University of California, San Francisco	
2009 - 2011	Master's Degree Program in Clinical Research, Dept of Epidemiology and Biostatistics, University of California, San Francisco	M.A.S.
2009 - 2013	Doctoral Degree Program in Surgical Sciences - Urology, Universidade Federal do Rio Grande do Sul, Brazil	Ph.D.

HONORS AND AWARDS (LAST 5 YEARS)

2007 Radiology - Editor's Recognition Award with Distinction for outstanding service as a reviewer of scientific manuscripts.

2009	Radiology - Editor's Recognition Award with Distinction for outstanding service as a reviewer of scientific manuscripts.	
2009	Selected to participate in the AUR/Philips Radiology Faculty Development Program from a national pool of applicants, 57th Annual Meeting of the Association of University Radiologists, Arlington, VA	Association of University Radiologists
2011	Annals of Internal Medicine – Editor's recognition for outstanding reviewer service as a reviewer of scientific manuscripts.	
2012	Elected fellow of the Society of Abdominal Radiology - FSAR	Society of Abdominal Radiology
2013	Selected as a speaker at the Society of Abdominal Radiology International Educational Conference, a collaborative educational program in which members travel to countries in Central and South America and provided lectures at the host country's national or regional radiological meetings.	Society of Abdominal Radiology
2015	Invited to speak at the plenary session of the Abdominal Radiology Course - "Role of MR Imaging in Active Surveillance of Prostate Cancer"	Society of Abdominal Radiology
2015	International Visiting Faculty	Department of Radiology, Universidade Federal do Rio Grande do Sul, Brazil
2016	International Visiting Faculty	China Medical University. Taichung, Taiwan
2016	Grand Round Speaker - "How has MRI changed the way we see prostate cancer?"	University of Pittsburgh - Department of Radiology
2017	2017 RSNA Honored Educator Award - This award recognizes the dedication of recipients to furthering the profession of radiology by delivering high-quality educational content for the RSNA.	Radiological Society of North America

2017	Invited to participate in the 2nd Global Summit on Precision Diagnosis for Prostate Cancer - Steering Committee/"Brain Trust" Meeting.	AdMeTech Foundation
2019	Invited to speak at the plenary session of the SAR Annual Meeting - "Directing a Prostate Imaging Service"	Society of Abdominal Radiology
2019	2018 RadioGraphics Editor's Recognition Award with Special Distinction. This award recognizes individuals who provide exceptionally high-quality reviews that consistently exceeded the journals standards for timeliness.	Radiological Society of North America
2019	Nominated for the 2018 Radiology Award for Outstanding Faculty Mentoring	UCSF Department of Radiology

PROFESSIONAL ACTIVITIES

SERVICE TO PROFESSIONAL ORGANIZATIONS

- 2009 - present various RSNA committees
- 2010 - present Brazilian Society of Urology - International Brazilian Journal of Urology, Uroradiology & Interventional Radiology Committee
- 2011 - present various ARRS committees
- 2012 - present various Society of Abdominal Radiology committees
- 2014 - present Society of Abdominal Radiology - Disease Focus Panel - Prostate Cancer
- 2016 - present American College of Radiology CME & SAMs Review Subcommittee
- 2016 - present Society of Abdominal Radiology Hands-on Multiparametric Prostate MRI Workshop, director
- 2018 - present Association of University Radiologists - Mentoring Program
- 2019 - 2021 Brazilian College of Radiology International Scientific Collaboration Committee
- 2019 - present XLVIII Congress of the Brazilian College of Radiology Scientific Committee
- 2019 - present ABR Diagnostic Radiology Genitourinary Certifying Committee

SERVICE TO PROFESSIONAL PUBLICATIONS

- 2006 - present ad-hoc reviewer for various journals, including Radiology, Radiographics, AJR, European Radiology, Annals of Internal Medicine, Lancet Oncology, PlosONE, Medicine, New England Journal of Medicine, Urology, Journal of Urology, and European Urology.
- 2008 - present consulting editor and reviewer - International Brazilian Journal of Urology
- 2014 - 2014 Current Radiology Reports (Urogenital Imaging - section editor)
- 2015 - 2015 Current Radiology Reports (Urogenital Imaging - section editor)
- 2019 - 2020 Abdominal Radiology (Special Prostate Cancer Issue – guest editor)

INVITED PRESENTATIONS - INTERNATIONAL (LAST 5 YEARS)

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| 2015 | Radiology residents' case conference. Ribeirão Preto School of Medicine, University of São Paulo. Ribeirão Preto, Brazil. June 25. | Visiting Professor |
| 2015 | "Renal Manifestations of Systemic Diseases in Adults", "CTU versus MRU", "Diagnosis and Management of Renal Masses". International Symposium of Body Imaging. University of São Paulo, Ribeirão Preto, Brazil. June 26-27. | Lecturer |
| 2015 | "Interesting Cases from the Abdominal Imaging Teaching File". Hospital de Clínicas de Porto Alegre, Universidade Federal do Rio Grande do Sul. Porto Alegre, Brazil. July 20. | Visiting Professor |
| 2015 | "Interesting Cases from Abdominal Teaching file", "Imaging of Peritoneal Lesions", "CT and MRI imaging of Adrenal Gland", "CT and MRI of Adnexal Masses", "MRI of Malignant Uterine Lesions". Imaging Today - An Update of CT and MRI. Sir Ganga Ram Hospital, New Delhi, India. October 01-04. | Lecturer |
| 2016 | "A Simple Guide to MR Imaging of the Adrenal Glands", China Medical University. Taichung, Taiwan. Sept 06. | Visiting Professor |
| 2016 | "The Role of MRI in Gynecological Cancer", "Multiparametric MRI of the Prostate", "In-bore MRI-guided Prostate Biopsy", China Medical University 36th Anniversary Symposium. Taichung, Taiwan. Sept 10. | Lecturer |
| 2016 | "PI-RADS version 2", "The Role of MRI on Active Surveillance of Prostate Cancer Patients". The Radiological Society of the Republic of China (The Chinese Taipei Society of Radiology) Uroradiology Symposium. Taipei, Taiwan. Sept 11. | Lecturer |

2017	"Cross-sectional Imaging of the Abdominal Aorta". 11th Asian Society of Cardiovascular Imaging Congress. Kyoto, Japan. June 01-03.	Lecturer
2017	"Novel Imaging and Diagnostics for Renal Cell Carcinoma". UCSF Perspective in Renal Cell Carcinoma. San Francisco, CA. Sept 21-23. This course was designed to provide state-of-the-art update on diagnosis and treatment of renal cell carcinoma to foreign urologists visiting UCSF.	Lecturer
2018	"PI-RADSV2 - Where are we now and what should we expect", "Role of prostate MRI in Active Surveillance", "Post-treatment Prostate Imaging", "Challenging cases in prostate imaging - an interactive session". International Symposium of Body Imaging / Multimodality course in prostate, rectal cancer e female pelvis. Ribeirão Preto, Brazil. August 03-04, 2018.	Lecturer
2018	"The evolution of prostate MR imaging interpretation: the age of PI-RADS v2", "The role of prostate MR imaging in active surveillance", "Prostate MRI and PI-RADS: New Concepts", "A Simple Algorithm for the Diagnosis of Adrenal Lesions", "How to Characterize Adnexal Masses with MRI (and some CT)", "How to use imaging to accurately diagnose and manage renal masses", 47th Radiology and Diagnostic Imaging Congress of the Brazilian college of Radiology. Rio de Janeiro, Brazil. October 11-13, 2018.	Lecturer
2018	Hands-on prostate MRI workshop. 47th Radiology and Diagnostic Imaging Congress of the Brazilian college of Radiology. Rio de Janeiro, Brazil. October 11-13, 2018.	Instructor
2019	Prostate MRI: New Acquisition & Post-Processing Techniques. ISMRM 27th Annual Meeting & Exhibition. Montreal, Canada. May 11-16, 2019	Lecturer

INVITED PRESENTATIONS - NATIONAL (LAST 5 YEARS)

2015	"Get Published: Do's and Don'ts of Writing a Research Paper" Annual Scientific Meeting and Educational Course - Society Abdominal Radiology, San Diego, California. March 22 – 27.	Lecturer
2015	"Clinical Application of Penile Imaging" Annual Scientific Meeting and Educational Course - Society Abdominal Radiology San Diego, California. March 22 – 27.	Lecturer
2015	"Plenary Session - Prostate Cancer" Annual Scientific Meeting and Educational Course - Society Abdominal Radiology San Diego, California. March 22 – 27.	Lecturer

2016	"Role of MR Imaging in Active Surveillance of Prostate Cancer", ARRS Prostate MR Imaging Symposium - American Roentgen Ray Society, Austin, TX, February 26-27.	Lecturer
2016	"Unknown Case Panel" - Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Waikoloa, Hawaii, March 13-18.	Panelist
2016	"Hands-On Multiparametric Prostate MR Imaging Workshop" - Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Waikoloa, Hawaii, March 13-18.	Co-director and lecturer
2016	"Role of MR Imaging in Active Surveillance of Prostate Cancer" - Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Waikoloa, Hawaii, March 13-18.	Lecturer
2016	"Imaging Differentiation of Diverticulitis from Colon Cancer" - 2016 ARRS Annual Meeting. Los Angeles, CA, April 17-22.	Scientific Session Keynote Speaker
2016	"Hands-On Multiparametric Prostate MR Imaging Workshop" - 102nd Radiological Society of North America Annual Meeting, Chicago, IL, 2016	Lecturer
2017	"Hands-On Multiparametric Prostate MR Imaging Workshop" - Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Hollywood, FL, 2017	Director
2017	"Hands-On Multiparametric Prostate MR Imaging Workshop" - 103rd Radiological Society of North America Annual Meeting, Chicago, IL, 2017	Lecturer
2017	"A Simple Guide to Adrenal Gland Imaging" - Essential in Radiology - 103rd Radiological Society of North America Annual Meeting, Chicago, IL, 2017	Lecturer
2018	"Hands-On Multiparametric Prostate MR Imaging Workshop" - Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Scottsdale, AZ, 2018	Director and Lecturer
2018	"Uncommon Malignant Renal Tumors and Atypical Presentation of Common Ones: A Guide for Radiologists" - Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Scottsdale, AZ, 2018	Lecturer

2018	"Avoiding Pitfalls in Study Design and Data Analysis for Abdominal Radiology" - Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Scottsdale, AZ, 2018	Lecturer
2018	"MRI Evaluation of Adrenal Gland Abnormalities" - American Roentgen Ray Society Annual Meeting Categorical Course - Body MRI: How to Provide Value-Based Care Washington, DC , 2018	Lecturer
2018	"Role of MR Imaging in Active Surveillance of Prostate Cancer" - American Roentgen Ray Society Annual Meeting, Washington, DC , 2018	Lecturer
2018	"Hands-On Multiparametric Prostate MR Imaging Workshop" - 104th Radiological Society of North America Annual Meeting, Chicago, IL, 2018	Lecturer
2019	"Directing a Prostate Imaging Service" SAR Plenary Session. Annual Scientific Meeting and Educational Course - Society of Abdominal Radiology, Orlando, FL, 2019	Lecturer

INVITED PRESENTATIONS - OTHER INVITED PRESENTATIONS (LAST 3 YEARS)

2016	"Multiparametric prostate MRI: technique and interpretation", "Prostate Biopsy: Gland Segmentation and Lesion Targeting", "Renal Manifestations of Adult Systemic Diseases", "Imaging of Pancreatic Cancer", "Imaging Diagnosis of Peritoneal Masses", "Assessment of Diffuse Liver Disease: the Role of Radiology", "CT/MRI of Adrenal Glands". Abdominal and Pelvic Imaging: CT/MR/US. Palm Springs, CA. Feb 03-05.	Lecturer and course director
2016	"Renal & Adrenal Masses", "Bladder, Prostate, Urethra", "Unknown Case Review: GU". UCSF Radiology Annual Spring Review: Comprehensive Fundamentals. San Francisco, CA. Feb 28-Mar 04.	Lecturer
2016	"A simple guide to imaging the adrenal glands", "Unknown Cases for Residents"; Pittsburgh Roentgen Society, Oct 6, 2016	Lecturer
2017	"Imaging of Bariatric Surgery", "Imaging of Pancreatic Cancer", "Imaging of Uterine Malignancies", "Imaging of Ovarian Masses" Abdominal & Pelvic Imaging. Feb 1-3, 2017. Palm Springs, CA	Lecturer

2017	"Practical Aspects of Prostate MRI: 1.5T vs 3T, Coil Selection, Patient Preparation", "Role of Multi-Parametric MRI in Active Surveillance", "In-Bore MR-Guided Biopsy", "Interactive Multi-Parametric MRI Session". Prostate Cancer Imaging with Hands-on Workshops, March 9-10, 2017. San Francisco, CA.	Lecturer
2017	"A Simple Guide to Adrenal Gland Imaging", "Cystic Pancreatic Masses", " An Algorithmic Approach to Characterization of Adnexal Masses", "Challenging Body Imaging Cases". UPenn Cardiothoracic & Body Imaging Update CME course. Rancho Mirage, Palm Desert, CA. April 24-27, 2017.	Lecturer
2017	"Latest Developments in Prostate Imaging" UCSF Practical Topics in Radiology: a Review of Key Clinical Concepts. Aug 21-25, 2017. San Francisco, CA	Lecturer
2018	"A Simple Algorithm to Characterize Adnexal Masses with MRI", "The Evolution of Prostate MRI Interpretation: the Age of PI-RADS", "MR Evaluation of Adrenal Masses", "How to Use MR to Accurately Diagnose and Manage Renal Masses" Breast Imaging and Body MRI on Kona, UCSF CME course. Jan 7-12, 2018. Kona, HI	Lecturer
2018	"Imaging of Bariatric Surgery Patients", "Renal Masses: Accurate Diagnosis and Management", "Cystic Pancreatic Masses: Top Differential Diagnosis", "CT/MR of Hepatic Masses: an All-Inclusive Review", "Evolution of Prostate MRI Interpretation: the Age of PI-RADS v2", "Five Things You Can Do to Distinguish Diverticulitis from Colon Cancer and Avoid a Visit to the Lawyer", "Interesting Abdominal Cases from the UCSF Teaching Files". UCSF Imaging Update in Las Vegas, UCSF CME course. Sept 28-30, 2018. Las Vegas, NV.	Lecturer
2018	"Practical Aspects of Prostate MRI: 1.5T vs 3T, Coil Selection, Patient Preparation", "Role of Multi-Parametric MRI in Active Surveillance", "In-Bore MR-Guided Biopsy", "Interactive Multi-Parametric MRI Session". UCSF Prostate Cancer Imaging with Hands-on Workshops. UCSF CME course. Feb 15-16, 2018. San Francisco, CA.	Lecturer and co-director
2018	"Practical Aspects of Prostate MRI: 1.5T vs 3T, Coil Selection, Patient Preparation", "Role of Multi-Parametric MRI in Active Surveillance", "In-Bore MR-Guided Biopsy", "Interactive Multi-Parametric MRI Session". UCSF Prostate Cancer Imaging with Hands-on Workshops. UCSF CME course. Mar 3-4, 2018. San Francisco, CA.	Lecturer and co-director

2019	"Practical Aspects of Prostate MRI: 1.5T vs 3T, Coil Selection, Patient Preparation", "Role of Multi-Parametric MRI in Active Surveillance", "In-Bore MR-Guided Biopsy", "Interactive Multi-Parametric MRI Session". UCSF Prostate Cancer Imaging with Hands-on Workshops. UCSF CME course. Apr 25-26, 2019. San Francisco, CA.	Lecturer and co-director
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GOVERNMENT AND OTHER PROFESSIONAL SERVICE

2012 - 2012	Portuguese Foundation for Science and Technology (NIH equivalent)	grant proposal reviewer
2013 - 2013	Dutch Cancer Society (KWF Kankerbestrijding)	grant proposal reviewer
2017 - present	Grand Rounds	ad hoc expert consultant
2017 - present	Advance Medical	ad hoc expert consultant

SERVICE AT OTHER UNIVERSITIES

2012 - 2012	Research Grant Review - Research Growth Initiative	University of Wisconsin-Milwaukee
2016 - 2016	External Evaluator - Department of Radiology Promotion Committee	University of Chicago, Medicine
2017 - 2017	External Evaluator - Department of Radiology	Oregon Health & Science University, School of Medicine
2018 - 2018	External Evaluator - Office of Faculty Affairs	University of Pittsburgh School of Medicine

COMMUNITY AND PUBLIC SERVICE

2017 - 2017	Cure Talks - episode 131: Modern Imaging Techniques in Diagnosis and Management of Prostate Cancer. Panelists: Mike Scott, Tony Crispino, Allen Edel and Joel Nowak. CureTalks is a talk show that features leading medical experts in conversation with a panel of patients about latest treatments under development. Episodes are made available to patient support groups around the world, with approximately 900 downloads each. Available for download at http://www.curetalks.com/event/rsvp/Modern-Imaging-Techniques-in-the-Diagnosis-and-Management-of-Prostate-Cancer/282/	expert presenter
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- 2018 - 2018 UCSF Osher Mini Medical School Series on Personalized Medicine Powered by Precision Imaging. Prostate Health: Risk, Detection, and Optimizing Personalized Treatment. October 26, 2018. San Francisco, CA. The UCSF Osher Mini Medical School for the Public is designed to provide members of the community the opportunity to see and hear what goes on every day in UCSF's classrooms and research labs with lectures from the same faculty who are on the front lines, teaching students in the health professions. UCSF Osher Mini Medical School addresses the accelerating public interest in the scientific knowledge behind the health headlines, the role of the consumer in health care decision making, and each citizens role in participating in the shaping of health policy. expert presenter
- 2019-2019 Prostate Cancer Round Table: this was a round table discussion target to educating the public about prostate cancer diagnosis, treatment, and available community resources and support. The event was recorded and the material will be made available to the public through a UCSF blog, as well as various social media venous. chair and expert presenter

TEACHING AND MENTORING

I have taught and mentored over 150 residents and 100 fellows from the Department of Radiology and Biomedical Imaging, Department of Radiation Oncology, and Department of Urology. I have been involved in the teaching of UCSF medical students since I was a fellow, having lectured to students enrolled in multiple courses.

I am a graduate of the UCSF Department of Epidemiology and Biostatistics **Master's in Clinical Research** program and serve as an instructor in some of its courses in an ad-hoc basis. I also regularly lecture to students in the UCSF **Master's in Biomedical Imaging** program.

At the postdoctoral level, I have organized and participated in several of the successful **postgraduate CME** courses offered by the Department of Radiology and Biomedical Imaging and lecture and teach workshops at **national meetings**. For the fourth consecutive year, I am the director the **Society of Abdominal Radiology Hands-on Multiparametric Prostate MR Imaging Workshop** during the annual meeting and a main collaborator of analogous course offered by the **Radiological Society of North America**.

I am member of the Junior Faculty Mentoring Program of the Department of Radiology and Biomedical Imaging at the University of California, San Francisco. In addition, I am a regular mentor of foreign **visiting scholars** that come to our Department to primarily conduct clinical research and observe activities in connection with a research project.

Lastly, as mentioned elsewhere, I am a member of the **Society of Abdominal Radiology and Association of University Radiologists Mentoring Programs**.

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH AWARDS - CURRENT

1. 1R01CA201709-01A1	Co-investigator	8% in FY-01 to 04 and 5% in FY-05 % effort	Garcia (PI)
NIH/NCI		09/01/2015	08/31/2020
Bladder fiducial markers and diffusion weighted MRI to optimize bladder cancer chemo-radiotherapy		\$ 492,276 direct/yr 1	\$ 2,337,945 total

* The proposal was scored at the 2nd percentile, with the highest score in the study session. Date of funding has not yet been determined.

2.	Co-investigator		Magudia (PI)
Society of Abdominal Radiology		03/17/2019	03/17/2021
Prediction of clinically significant prostate cancer and prostate-cancer related outcomes from only T2 weighted imaging using machine learning.			\$ 15,000 total

We hypothesize that a deep learning approach focused on T2WI, which is more robust with higher resolution, better signal to noise ratio, and more uniform acquisition across institutions compared to DWI and DCE, is able to identify cancer and characterize its aggressiveness based on Gleason score.

I am a mentor of Kirti and as her scientific advisor, I will be responsible for overseeing her research activities and integrating her into our larger scientific team. I will assist her collecting all clinical data of this project, in particular MR imaging, as well as with statistical analyses, result interpretation, and dissemination of results.

3. Seed Grant #16-43	PI		Westphalen (PI)
UCSF Department of Radiology and Biomedical Imaging			
A multi-institutional study of the diagnostic performance of PI-RADS v2: Setting benchmarks and guiding quality assurance based on the experiences of the Society of Abdominal Radiology Prostate Cancer Disease-Focused Panel		\$ 9,400 direct/yr 1	

The goal of this multi institutional study is to investigate the diagnostic performance of the Prostate Imaging – Reporting and Data System version 2 (PI-RADS v2), in particular the yield and variability of clinically significant prostate cancer for each PI-RADS v2 category.

4. 1 R44 DK103495-01A1	Site PI	2% in FY-03 3% in FY-04 % effort	
NEXTRAST, INC.		04/01/2015	08/31/2019
Novel Bowel Contrast Agent for Dual Energy CT			\$ 138,049 total

The goal of this project is to develop the first safe clinical bowel contrast agent that is visibly distinct from all current intravascular agents at dual energy CT and demonstrate its safety and efficacy. This bowel contrast agent will allow double contrast enhanced dual energy CT, providing richly detailed images of the complex abdominal anatomy at a low radiation dose and potentially major cost savings to the healthcare system.

As the UCSF site-PI, I will oversee the acquisition of clinical images and assist with data collection related to the contrast safety and accuracy.

5.	A131237	PI		Westphalen (PI)
	GE Healthcare		07/01/2018	06/30/2020
	Advanced MR protocols for multiparametric MRI of the prostate without an endorectal coil			\$ 250,737 total
	The purpose of this project is to leverage the advanced pulse sequence and RF coil technology in the next generation 3T MRI to develop high-performance methods for acquiring multi-parametric MRI of the prostate without an endorectal coil.			
	Study design, patient identification, statistical analyses, interpretation of results, manuscript writing			
6.		co-investigator	20% % effort	Smith-Bindman/Bindman (PI)
	CMS		01/01/2019	12/30/2019
	DR CTQS (Defining and Rewarding CT Quality and Safety)			
	DR CTQS (Defining and Rewarding CT Quality and Safety) was funded by CMS to develop a quality measure for CT that combines an assessment of the radiation doses with an assessment of image quality.			
	Quality measure director			

RESEARCH AWARDS – PAST

(18 other grants/awards as PI or collaborator)

PEER REVIEWED PUBLICATIONS (LAST 5 YEARS)

total 131 publications (22 first author, 22 senior author, 13 second author mentor of first author trainee)

1. * Vilaseca RM, **Westphalen AC**, Reis HF, Zogbi OS, Silva GE, Dos Reis RB, Muglia VF. Reproducibility and interobserver agreement of R.E.N.A.L. nephrometry score: focus on imaging features. Radiol Bras. 2017 Jan-Feb;50(1):7-12. PMID: 28298726
2. * Cabarrus MC, **Westphalen AC**. Multiparametric magnetic resonance imaging of the prostate-a basic tutorial. Transl Androl Urol. 2017 Jun; 6(3):376-386. PMID: 28725579. PMCID: PMC5503950
3. **Westphalen AC**, Margolis DJ, Rosenkrantz AB. The Director of Prostate Imaging: advancing care for prostate cancer patients. Abdom Radiol (NY). 2017 Apr 10. PMID: 28396916

4. Lake ST, Greene KL, **Westphalen AC**, Behr SC, Zagoria R, Small EJ, Carroll PR, Hope TA. Optimal MRI sequences for 68Ga-PSMA-11 PET/MRI in evaluation of biochemically recurrent prostate cancer. *EJNMMI Res.* 2017 Sep 19; 7(1):77. PMID: 28929350. PMCID: PMC5605480
5. * Garcia-Reyes K, Nguyen HG, Zagoria RJ, Shinohara K, Carroll PR, Behr SC, **Westphalen AC**. Impact of lesion visibility on transrectal ultrasound on the prediction of clinically significant prostate cancer (Gleason score $\geq 3+4$) with TRUS-MRI fusion biopsy. *J Urol.* 2017 Sep 20. PMID: 28941918
6. * Leapman MS, Wang ZJ, Behr SC, Kurhanewicz J, Zagoria RJ, Carroll PR, **Westphalen AC**. Impact of the Integration of Proton Magnetic Resonance Imaging Spectroscopy to PI-RADS 2 for Prediction of High Grade and High Stage Prostate Cancer. *Radiol Bras.* 2017 Sep-Oct;50(5):299-307. PMID: 29085163
7. * Leapman M, **Westphalen AC**, Ameli N, Lawrence J, Febbo P, Cooperberb M, Carroll PR. Association Between a 17-gene Genomic Prostate Score and Multi-Parametric Prostate MRI in Men with Low and Intermediate Risk Prostate Cancer. *PLoS One.* 2017 Oct 10;12(10):e0185535. PMID: 29016610
8. * Jordan E, Fiske C, Zagoria RJ, **Westphalen AC**. Evaluating the Performance of PI-RADS v2 in the Non-Academic Setting. *Abdom Radiol (NY).* 2017 Nov;42(11):2725-2731. PMID: 28451763
9. * Marcus SG, Candia S, Kohli MD, Mongan J, Zagoria RJ, Behr SC, Sun D, **Westphalen AC**. Association between misty mesentery with baseline or new diagnosis of cancer: a matched cohort study. *Clin Imaging.* 2017 Dec 15; 50:57-61. PMID: 29276962
10. * Furlan A, Borhani AA, **Westphalen AC**. Multiparametric MR imaging of the Prostate: Interpretation Including Prostate Imaging Reporting and Data System Version 2. *Radiol Clin North Am.* 2018 Mar;56(2):223-238. PMID: 29420978
11. Gaur S, Lay N, Harmon SA, Doddakashi S, Mehralivand S, Argun B, Barrett T, Bednarova S, Girometti R, Karaarslan E, Kural AR, Oto A, Purysko AS, Antic T, Magi-Galluzzi C, Saglican Y, Sioletic S, Warren AY, Bittencourt L, Fütterer JJ, Gupta RT, Kabakus I, Law YM, Margolis DJ, Shebel H, **Westphalen AC**, Wood BJ, Pinto PA, Shih JH, Choyke PL, Summers RM, Turkbey B. Can computer-aided diagnosis assist in the identification of prostate cancer on prostate MRI? a multi-center, multi-reader investigation. *Oncotarget.* 2018 Sep 18; 9(73):33804-33817. PMID: 30333911. PMCID: PMC6173466
12. Kornberg Z, Cowan JE, **Westphalen AC**, Cooperberg MR, Chan JM, Zhao S, Shinohara K, Carroll PR. Genomic Prostate Score, PI-RADSV2, and Progression in Men with Prostate Cancer on Active Surveillance. *J Urol.* 2018 Sep 01. PMID: 30179620
13. Rocha TO, Albuquerque TC, Nather JC, Salmon CEG, Tucci S, Wang JZ, **Westphalen AC**, Elias J, Muglia VF. Histogram Analysis of Adrenal Lesions With a Single Measurement for 10th Percentile: Feasibility and Incremental Value for Diagnosing Adenomas. *AJR Am J Roentgenol.* 2018 Dec; 211(6):1227-1233. PMID: 30299995
14. Bonde AA, Johnson C, Addicott B, **Westphalen AC**, Korngold EK, Coakley FV. Case series of collapsed simple renal cysts potentially simulating cystic malignancy at CT. *Clin Imaging.* 2018 May 01; 50:297-301. PMID: 29751201

15. * Laguna B, **Westphalen AC**, Guimarães CT, Whang Z, Simko J, Zagoria R. Uncommon malignant renal tumors and atypical presentation of common ones: a guide for radiologists. *Abdom Radiol (NY)*. 2018 Oct 11. PMID: 30311049
16. Yeh BM, Obmann MM, **Westphalen AC**, Ohliger MA, Yee J, Sun Y, Wang ZJ. Dual Energy Computed Tomography Scans of the Bowel: Benefits, Pitfalls, and Future Directions. *Radiol Clin North Am*. 2018 Sep; 56(5):805-819. PMID: 30119775
17. Wu SY, Boreta L, Shinohara K, Nguyen H, Gottschalk AR, Hsu IC, Roach Iii M, **Westphalen AC**, Feng FY, Carroll PR, Chang AJ, Hope TA. Impact of staging 68Ga-PSMA-11 PET scans on radiation treatment plans in patients with prostate cancer. *Urology*. 2018 Dec 20. PMID: 30580002
18. * Jordan EJ, Fiske C, Zagoria R, **Westphalen AC**. PI-RADS v2 and ADC values: is there room for improvement? *Abdom Radiol (NY)*. 2018 Mar 17. PMID: 29550953
19. * Muglia VF, Reis RB, Rocha TO, Silva AR, Noworolski S, **Westphalen AC**. Hypoenhancing prostate cancers on dynamic contrast-enhanced MRI are associated with poor outcomes in high-risk patients: results of a hypothesis generating study. *Abdom Radiol (NY)*. 2018 Sep 18. PMID: 30229422
20. Wang ZJ, **Westphalen AC**, Zagoria RJ. CT and MRI of small renal masses. *Br J Radiol*. 2018 May 10; 20180131. PMID: 29668296
21. Hicks RM, Simko JP, **Westphalen AC**, Nguyen HG, Greene KL, Zhang L, Carroll PR, Hope TA. Diagnostic Accuracy of 68Ga-PSMA-11 PET/MRI Compared with Multiparametric MRI in the Detection of Prostate Cancer. *Radiology*. 2018 Sep 18; 180788. PMID: 30226456
22. * Furlan A, Borhani AA, **Westphalen AC**. Multiparametric MR imaging of the Prostate: Interpretation Including Prostate Imaging Reporting and Data System Version 2. *Urol Clin North Am*. 2018;45(3):439-454. doi: 10.1016/j.ucl.2018.03.009. PMID: 30031464
23. * Barkovich E, Shankar P, **Westphalen AC**. A systematic review of the existing PI-RADS v2 literature and subset meta-analysis of PI-RADS v2 categories stratified by Gleason Scores. *AJR Am J Roentgenol*. 2019 Feb 26:1-8. doi: 10.2214/AJR.18.20571. [Epub ahead of print] PMID: 30807218
24. Ohliger MA, **Westphalen AC**. Overcoming the challenges of imaging patients with metabolic syndrome. *Radiol Bras*. 2019 Jan-Feb;52(1):V-VI. doi:10.1590/0100-3984.2019.52.1e1. No abstract available. PMID: 30804624.
25. Winklhofer S, Lin WC, Wang ZJ, Behr SC, **Westphalen AC**, Yeh BM. Comparison of Positive Oral Contrast Agents for Abdominopelvic CT. *AJR Am J Roentgenol*. 2019 Mar 5:1-7. doi: 10.2214/AJR.18.20445. [Epub ahead of print] PMID: 30835523
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29. * Second or last authorship in these projects reflect mentoring of a first author trainee or senior authorship.

BOOKS AND CHAPTERS

(5 book chapters)

CONFERENCE ABSTRACTS

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