

CV Jelle Barentsz, April 2020

Basic details

Titles, Name: Prof. Dr. Jelle Barentsz (Male)
Born: 19-April-1956, Place: Renkum (NL)
Married, 3 children.



Radboudumc,
Department of Radiology and Nuclear Medicine
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Z/U number:	Z035106		
Name:	J.O. Barentsz		
Department:	Radiology and Nuclear Medicine		
Medical specialist:	Yes	Practicing as physician:	Yes, Radiologist
MD examination	University of Utrecht (average grade 8 of 10) 29-Feb-1980		
Total appointment at Radboudumc:	1.0 fte		
Date of PhD defense:	11-Jan-1990: "MRI of Urinary Bladder cancer"		
Researcher ID (obligatory)	D-3515-2009		
H-index: see Web of Science	65		
Man-years of research	38		

Radboudumc Research Institute (mark one)		Radboudumc Theme (mark one)	
Radboud Institute for Health Sciences	X	Urological cancers	X

Year of application	For Junior PI / PI	Awarded (yes/no)
2008	PI	yes
2011	PI	yes
2014	PI	yes
2017	PI	yes

Narrative

Dr Barentsz is MD since 1980 and received his research PhD in 1990. He is a Professor of Radiology since 1998 and currently the Chair of the Radboudumc Prostate MR-Reference Center.

His research led to the implementation of '[PI-RADS](#)' in 2012, which became the world-standard for prostate MRI. The '4M' paper from his group and other articles were the basis for the change of the European and Dutch prostate cancer guidelines. Now it is recommended to use prostate-MRI before a biopsy.

His work resulted in the 'rebirth' of ferumoxtran-10 MRI, using dextran-coated iron nano-particles as an MRI-contrast agent to detect 2 mm lymph node micro-metastases. A marketing-approval trial in Germany, Switzerland and The Netherlands has started in early 2020.

Dr Barentsz' research focuses on the following aims:

1. Implementation of PSA + prostate-MRI for screening. Use of artificial intelligence for quality control of prostate MR-image-acquisition and -interpretation.
2. Providing interactive, hands-on education on national and international levels with the purpose to make radiologists prostate-MRI experts. To achieve this, he is working on quality control, accreditation and certification, and is further building-up a prostate-MRI excellence network.
3. Enable global marketing-approval of ferumoxtran-10-MRI and its implementation for focal radiotherapy to treat nodal micrometastases

He is a bit stubborn, when everybody goes right, he goes left when he thinks that that is the best way to go. He is determined in this choice, but is open to every good idea. E.g. urologists were opposed to the idea to use MRI to detect prostate cancer. But, he never ever gave up. Now he is awarded by the European urologists with the '2020 EAU Innovators in Urology Award', and by invitation, he is Imaging Editor of the Executive Editorial Board of European Urology. In this latter position, he tries to promote useful imaging tools, that will help patients. To achieve his goals, he can be pretty impatient. This is due to his devotion and passion. He sometimes forgets that changes in medical health care take time. He is frequently consulted as a member of the Advisory Board of the Prostate Cancer Patient Foundation and helps many patients, even after-hours when they need his (imaging) support.

For this purpose, together with his colleague-experts, he founded the: **Radboudumc Prostate (MRI) Expert Centre**. In this centre patients can have the newest imaging techniques: mpMRI, bpMRI, nano-MRI, combined with 18F- or 68Ga-PSMA PET-CT. Also, patients can have theranostics with Ac- or Lu-PSMA and MR-guided focal therapy treatments. They can consult experts of this centre with any questions on prostate MRI, PET-CT, theranostics, and focal therapy.

He is the senior author of more than 300 papers, 7 in the last 2 years with a high-impact factor (>15). With this, he stimulated many enthusiastic young researchers to write excellent articles.

Awards:

- Royal Decoration: Knight in the Order of the Dutch Lion

- 2020 EAU Innovator in Urology Award
- Honorary Member Japanese Radiological Society
- Honorary Member Polish Medical Radiological Society
- Dutch Radiology Wertheim-Salomonson Medal
- SAR Lifetime Achievement Award
- Queen Wilhelmina Research Award (€2,000,000)
- Best Scientific Paper European Urology 2017
- 3x SCBTMR Lauterbur Award

On social media, despite his age, he is very active: he has more than 1000 expert-prostate followers on [Twitter](#) and more than 500 followers on LinkedIn. Recently, he was seen with on the national TV News announcing the implementation of prostate-MRI in the national guidelines.

He enjoys presenting and educating, see it yourself: "[TEDx 2012 yes we scan](#)" This was quite a provocative talk for urologists).

"I have dreams; I forget all the reasons they won't come true and believe the one reason that they will."

1. Global prostate cancer screening using PSA + MRI
2. Universal approval and use of nano-(Ferrotran)-MRI
3. Global prostate-MRI cloud-network for Artificial Intelligence.

Indicate with one "X" your position in the axis/spectrum from Molecule to Man to Population

Mol	Mol-Man	Man	Man-Pop	Pop
x	x	x	x	x

Research Group		
Name	Department	Position
Henk-Jan Huisman	Radiology	UD
Maarten de Rooij	Radiology	Postdoc
Patrik Zamecnik	Radiology	PhD student
Marloes van der Leest	Radiology	PhD student
Rianne Engels	Radiology	PhD student
Bas Israel	Radiology	PhD student
Ansje Fortuin	Radiology	PhD student
Bart Phillips	Radiology	PhD student
Oscar Debats	Radiology	PhD student
Esther Hamoen	Radiology	PhD student
Linda Thijssen	Radiology	PhD student
Melline Schilham	Radiology	PhD student
Renske van Delft	Radiology	Manager, MSc
Solange Estourgie	Radiology	PA

* UHD / UD / Postdoc / PhD students (as registered in Hora Est)

International esteem	
1. Board member of scientific (inter)national committee/organisation	
Sci. society	
Sci. committee	Richtlijn Commissie Prostaat kanker
Coordinator or WP leader of intl. consortium	
Member of EU or NWO grant committee/panel	
Other	Advisory Board Prostaat Kanker Stichting
2. Member of editorial board or editor of international journal with an IF > 4 (>2 for junior PI) or in subject category Q1	
Editorial board	European Urology
Editor	Imaging Editor
3. Invited lecture at international top meeting	
Many (>10/yearly)	RSNA, AUA, EAU, ESUR, ICIS, SAR, SCBTMR(SABI)
4. (Personal) prize or award of distinction	
By science community	EAU 2020 Innovators in Urology Award Best Scientific Paper European Urology 2017
By industry	
By public sector	
Honorary doctorate / visiting professor-ship abroad	Honorary Member Japanese Radiological Society Honorary Member Polish Medical Radiological Society
For group member	
5. (by preference personally) <u>invited</u> review or editorial in a prestigious journal	
	<p>1. <u>Multiparametric Magnetic Resonance Imaging for Prostate Cancer Detection: What We See and What We Miss</u>. Anwar R. Padhani, Masoom A. Haider, Arnauld Villers, Jelle O. Barentsz. <i>European Urology</i>, Vol. 75, Issue 5, p721–722</p> <p>2. <u>Prostate Imaging-Reporting and Data System Steering Committee: PI-RADS v2 Status Update and Future Directions</u>. Anwar R. Padhani, Jeffrey Weinreb, Andrew</p>

B. Rosenkrantz, Geert Villeirs, Baris Turkbey, Jelle Barentsz. European Urology, Vol. 75, Issue 3, p385–396

3. Prostate Imaging-Reporting and Data System Version 2 and the Implementation of High-quality Prostate Magnetic Resonance Imaging

Jelle Barentsz, Maarten de Rooij, Geert Villeirs, Jeffrey Weinreb. European Urology, Vol. 72, Issue 2, p189–191

4. Assessing Metastatic Disease in Advanced Prostate Cancer: It's Time to Change Imaging. Jelle O. Barentsz, Peter Mulders, Winald Gerritsen, Jurgen J. Fütterer.

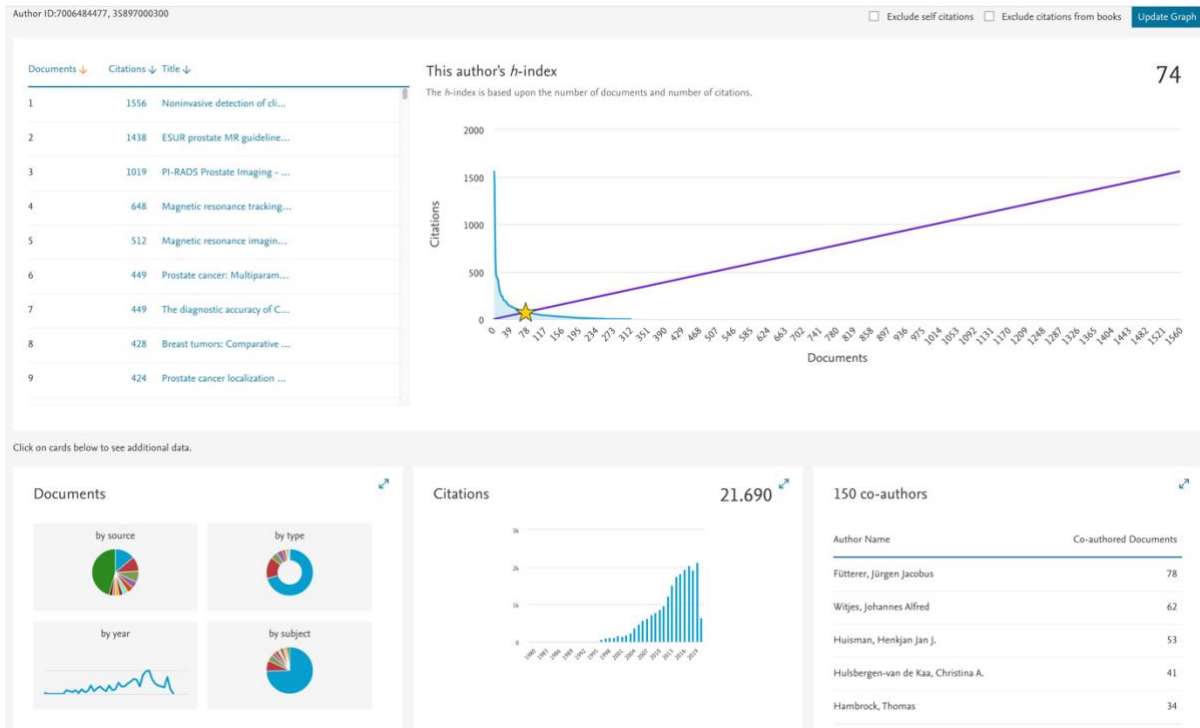
European Urology, Vol. 71, Issue 1, p93–95

Published online: August 30, 2016

Societal impact	
1. Public outreach, as expert in media, accessible to a large audience	
Newspaper	De Telegraaf
Magazine	Various medical papers
Radio/TV	30/1/2020 Radio NOS (6:30 uur); 30/1/2020 NOS Journaal: entire day
Website	Kanker.nl (specialist); www. http://www.mri-prostate-barentsz.nl/
Other	Linkedin (>500 followers), Twitter (>1000 expert-followers)
2. Author of manual for professionals, of policy formulated document, of policy instrument relating to healthcare or of guideline or quotation in guideline	
Clinical guideline	Module diagnostiek locale prostaat van de NVU Multidisciplinaire Richtlijn Prostaatkanker
Policy document/ instrument	
Consultancies	
Other	
3. Board member of important public (societal) organization	
Public org.	Advisory Board Prostaat Kanker Stichting
Societal (paid) ancillary position	
Other	
4. Wide and established implementation of product in health care and health care market	
Patent	
License	
Spin-off	Ferrotran (nano-MRI contrast agent), MR-manipulator (biopsy-robot)
Contract with private partners	Advisor SPL Medical Advisor Soteria Medical
5. Teaching activities	
For BSc or MSc curricula	
For professionals or general public	Yearly >10 (Inter)national interactive workshops and key-note lectures Most challenging: PI-RADS Workshop @ RSNA 2019 (interactive hands-on-workshop with Cloud-based workstation for >500 attendees)

Publications: (2020-04-10): 311

See: <http://www.mri-prostate-barentsz.nl/439673309>



Book(chapters)

Book:

Magnetic Resonance Imaging of Carcinoma of the Urinary Bladder. Barentsz JO, Debruyne F, and Ruijs JHJ eds. Kluwer Academic Publishers 1st edition 1990.

Book chapters:

Grainger & Allison Diagnostic Radiology. Adam, Dixon, Gillard, Schaefer-Prokop eds. Churchill Livingstone, 5th Edition 2008. Ch 39: p 931. Bomers, Bittencourt, Villeirs, Barentsz.

Oncologie. Van der Velde, van der Graaf, van Krieken, Marijnen, Vermorken eds. Bohn Stafleu van Loghum, Houten. 8th Edition. 2011. Ch 4: p103. Diagnostiek in de oncologie. Vermorken, Schrijvers, Weyler, Moreels, Carp, Barentsz, Heijmink.

Nanoparticles in Biomedical Imaging: Emerging Technologies and Applications. Bulte, Modo, Edts. Springer. 1st Edition. 2008. Ch 3: p25 Use of USPIO's for Clinical Lymph Node Imaging. Barentsz and Tekkis.

Nuclear Oncology. C Aktolun an SJ Goldsmith eds. Wolters. 1st edition. 2015. Ch 27: p399. Assessment of Lymph Node Detection and Imaging in Oncology. AS Fortuin, TC Kwee, S Bassu, et al (JO Barentsz before last author).

Clinical Urography. HM Pollack and BL McClennan eds. Saunders. 2nd ed. 2000. Ch 48: p1642 Bladder Cancer. JO Barentsz.

Top Cited Papers

Document title	Authors	Year	Source	Cited by
1 Noninvasive detection of clinically occult lymph-node metastases in prostate cancer	Harisinghani, M.G., Barentsz, J., Hahn, P.F., (...), De la Rosette, J., Weissleder, R.	2003	New England Journal of Medicine 348(25), pp. 2491-2499	1556
View abstract View at Publisher Related documents				
2 ESUR prostate MR guidelines 2012 Open Access	Barentsz, J.O., Richenberg, J., Clements, R., (...), Logager, V., Fütterer, J.J.	2012	European Radiology 22(4), pp. 746-757	1439
View abstract View at Publisher Related documents				
3 PI-RADS Prostate Imaging - Reporting and Data System: 2015, Version 2	Weinreb, J.C., Barentsz, J.O., Choyke, P.L., (...), Thoeny, H.C., Verma, S.	2016	European Urology 69(1), pp. 16-40	1020
View abstract View at Publisher Related documents				
4 Magnetic resonance tracking of dendritic cells in melanoma patients for monitoring of cellular therapy	De Vries, I.J.M., Lesterhuis, W.J., Barentsz, J.O., (...), Heerschap, A., Figdor, C.G.	2005	Nature Biotechnology 23(11), pp. 1407-1413	648
View abstract View at Publisher Related documents				
5 Magnetic resonance imaging for the detection, localisation, and characterisation of prostate cancer: Recommendations from a European consensus meeting	Dickinson, L., Ahmed, H.U., Allen, C., (...), Van Der Meulen, J., Emberton, M.	2011	European Urology 59(4), pp. 477-494	512
View abstract View at Publisher Related documents				

Selection of 10 highest IF Scientific Papers

Peer reviewed publication Mention authors (all), title, journal, volume, page numbers and year	Author position 1, 2, L, 1-L	5-Year Impact Factor	Subject category & journal ranking by 5-Year IF	Type of publication* Article, Review
Engels, R.R.M., Israël, B., Padhani, A.R., Barentsz, J.O. Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 1: Acquisition (2020) European Urology, 77 (4), pp. 457-468. Cited 2 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072695115&doi=10.1016%2fj.eururo.2019.09.021&partnerID=40&md5=f909a7407cd9ddb48a59390d501fe7d9 (IF: 17,3) DOI: 10.1016/j.eururo.2019.09.021	L	17.3	Urology & Nephrology: 2	Article

<p>Israël, B., Leest, M.V.D., Sedelaar, M., Padhani, A.R., Zámečník, P., Barentsz, J.O. Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 2: Interpretation (2020) <i>European Urology</i>, 77 (4), pp. 469-480. Cited 2 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076232806&doi=10.1016%2fj.eururo.2019.10.024&partnerID=40&md5=7ab8172cb015ff67eb6e0c4fd3f485c3 DOI: 10.1016/j.eururo.2019.10.024</p>	L	17.3	Urology & Nephrology: 2	Article
<p>Venderink, W., Bomers, J.G., Overduin, C.G., Padhani, A.R., de Lauw, G.R., Sedelaar, M.J., Barentsz, J.O. Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 3: Targeted Biopsy (2020) <i>European Urology</i>, 77 (4), pp. 481-490. Cited 1 time. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076224463&doi=10.1016%2fj.eururo.2019.10.009&partnerID=40&md5=c5a70d69e759e7b95c696d961337a7eb DOI: 10.1016/j.eururo.2019.10.009</p>	L	17.3	Urology & Nephrology: 2	Article
<p>van der Leest, M., Israël, B., Cornel, E.B., Zámečník, P., Schoots, I.G., van der Lelij, H., Padhani, A.R., Rovers, M., van Oort, I., Sedelaar, M., Hulsbergen-van de Kaa, C., Hannink, G., Veltman, J., Barentsz, J. High Diagnostic Performance of Short Magnetic Resonance Imaging Protocols for Prostate Cancer Detection in Biopsy-naïve Men: The Next Step in Magnetic Resonance Imaging Accessibility (2019) <i>European Urology</i>, 76 (5), pp. 574-581. Cited 13 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066408465&doi=10.1016%2fj.eururo.2019.05.029&partnerID=40&md5=dd8ca18c62d8233cab89fc1055d6e1f7 DOI: 10.1016/j.eururo.2019.05.029</p>	L	17.3	Urology & Nephrology: 2	Article
<p>Turkbey, B., Rosenkrantz, A.B., Haider, M.A., Padhani, A.R., Villeirs, G., Macura, K.J., Tempany, C.M., Choyke, P.L., Cornud, F., Margolis, D.J., Thoeny, H.C., Verma, S., Barentsz, J.*, Weinreb, J.C.* (*co-senior authors) Prostate Imaging Reporting and Data System Version 2.1: 2019 Update of Prostate Imaging Reporting and Data System Version 2 (2019) <i>European Urology</i>, 76 (3), pp. 340-351. Cited 90 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063010991&doi=10.1016%2fj.eururo.2019.02.033&partnerID=40&md5=78b9cf24f467479a0bdf0dac543f0d9 DOI: 10.1016/j.eururo.2019.02.033</p>	Co- L	17.3	Urology & Nephrology: 2	Article
<p>van der Leest, M., Cornel, E., Israël, B., Hendriks, R., Padhani, A.R., Hoogenboom, M., Zámečník, P., Bakker, D., Setiasti, A.Y., Veltman, J., van den Hout, H., van der Lelij, H., van Oort, I., Klaver, S., Debruyne, F., Sedelaar, M., Hannink, G., Rovers, M., Hulsbergen-van de Kaa, C., Barentsz, J.O. Head-to-head Comparison of Transrectal Ultrasound-guided Prostate Biopsy Versus Multiparametric Prostate Resonance Imaging with Subsequent Magnetic Resonance-guided Biopsy in Biopsy-naïve Men with Elevated Prostate-specific Antigen: A Large Prospective Multicenter Clinical Study (2019) <i>European Urology</i>, 75 (4), pp. 570-578. Cited 81 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056988132&doi=10.1016%2fj.eururo.2018.11.023&partnerID=40&md5=867f9cdd496f730b31a1822c6d3238eb</p>	L	17.3	Urology & Nephrology: 2	Article

DOI: 10.1016/j.eururo.2018.11.023				
<p>Padhani, A.R., Weinreb, J., Rosenkrantz, A.B., Villeirs, G., Turkbey, B., Barentsz, J. Prostate Imaging-Reporting and Data System Steering Committee: PI-RADS v2 Status Update and Future Directions (2019) European Urology, 75 (3), pp. 385-396. Cited 50 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048333286&doi=10.1016%2fj.eururo.2018.05.035&partnerID=40&md5=550722d6ebcb558458d9b1d9dca7839a DOI: 10.1016/j.eururo.2018.05.035</p>	L	17.3	Urology & Nephrology: 2	Article
<p>Weinreb, J.C.*, Barentsz, J.O.*, Choyke, P.L., Cornud, F., Haider, M.A., Macura, K.J., Margolis, D., Schnall, M.D., Shtern, F., Tempany, C.M., Thoeny, H.C., Verma, S. (*co-first author). PI-RADS Prostate Imaging - Reporting and Data System: 2015, Version 2 (2016) European Urology, 69 (1), pp. 16-40. Cited 1020 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955708702&doi=10.1016%2fj.eururo.2015.08.052&partnerID=40&md5=3029f9e3b1fb0ed156e35039cc91203c DOI: 10.1016/j.eururo.2015.08.052</p>	Co- 1	17.33	Urology & Nephrology: 2	Meta-analysis
<p>Barentsz, J.O., Richenberg, J., Clements, R., Choyke, P., Verma, S., Villeirs, G., Rouviere, O., Logager, V., Fütterer, J.J. ESUR prostate MR guidelines 2012 (2012) European Radiology, 22 (4), pp. 746-757. Cited 1439 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861455749&doi=10.1007%2fs00330-011-2377-y&partnerID=40&md5=6aceb6dba71e77abf5703ac20f9a7fba DOI: 10.1007/s00330-011-2377-y</p>	1	4.0	Radiology 16 Highly cited paper Best paper of European Radiology ever.	Article
<p>Harisinghani, M.G.*, Barentsz, J.*, Hahn, P.F., Deserno, W.M., Tabatabaei, S., Van de Kaa, C.H., De la Rosette, J., Weissleder, R. (*co first-author) Noninvasive detection of clinically occult lymph-node metastases in prostate cancer (2003) New England Journal of Medicine, 348 (25), pp. 2491-2499. Cited 1556 times. https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038469746&doi=10.1056%2fNEJMoa022749&partnerID=40&md5=f9a9744710f02b791b94ce4e9284eaae DOI: 10.1056/NEJMoa022749</p>	Co- 1	70.7	Internal Medicine 1	Article

Personal obtained funding

Concerning the period January 1st, 2015 –December 31st, 2019

Title project (abbreviated)	Role: Main applicant/ Co-applicant/ WP leader/other	Year granted	Funding body	K € total grant	K € Radboud- umc part
1. MAGNIFI	Main Applicant	2016- ongoing	Wesly Medical Research Institute (Brisbane) and Garvan Research Institute (Sydney)	126.8	126.8
2.ROF 1835 VALINODE	Main Applicant	2019	Radbopud Oncologie Fonds (KWF)	149.5	149.5
3. ROF 1906 AI	Co-appliocant	2019	Radbopud Oncologie Fonds (KWF)	40	40
4. ROF 2003 THERANOSTICS	Co-applicant	2019	Radbopud Oncologie Fonds (KWF)	50	50

Personal obtained funding

Concerning the period January 1st, 2012 –December 31st, 2016

Title project (abbreviated)	Co-applicant research leader(s)	Year granted	Funding body	K € (total grant)
1. Value of Multi-parametric MRI and MR-guided biopsies the detection of significant prostate cancer in men with an elevated PSA 2016-2018.	J.O. Barentsz (PI) J. Witjes M. Rovers C Hulsbergen-vd Kaa	2015	KWF 2015-6707	1.241
2. ZON-MW: Value of CT versus MRI using USPIO in the detection of lymph node metastases in prostate cancer	J.O. Barentsz	2002-2005	ZON-MW Doelmatigheid	1.200
3. KWF: Detection of prostate cancer based on contrast enhanced imaging of hemodynamic changes in the prostate.	J O Barentsz	2003-2007	KWF	250
4. KWF: Vascular effects of VEGF mutations: implications for MRI of human tumors. R. De Waal	A. Heerschap J.O. Barentsz	2000-2004	KWF	250
5. KWF: Contrast enhanced MRI and US of prostate cancer	J.O. Barentsz	1998-2004 2004-2008	KWF	250
6. KWF: Computer assisted diagnoses of prostate cancer combining high resolution, dynamic contrast enhanced and spectroscopic MR	HJ Huisman JO Barents JA Witjes	2008-2014	KWF	250
7. KWF Queen Wilhelmina Program Award - Exploring the clinical value of novel high resolution anatomic, molecular and functional MR imaging in prostate cancer	JO Barentsz A Heerschap		KWF	2.000

PhD theses supervised as (co-)promotor: 34

PhD student	Title thesis	Promotor (yes/no)	Co-promotor (yes/no)	Date of PhD defense
W. Morshuis	Surgical treatment of pectus excavatum. Indications and results	N	Y	1994
PEJM Salleveld	De substitutiewaarde van MRI inzake de preoperatieve diagnostiek van het Abdominale Arteriosclerotische Aneurysma.	N	Y	1994
C Boetes	MR imaging in breast cancer, a clinical study	N	Y	1995
D Franssen-Franken	Homocysteinaemie, treatment with vitamine D and folowup with MRI / MRA.	N	Y	1996
PBJ van Vierzen	Fast Dynamic MRI of Gynecological Tumors	N	Y	1997
AE Holland	Clinical and Experimental Cardiovascular MRA	Y	N	2000
JW Goldfarb	Gd-enhanced MRI: Technical developments and Clinical Testing	Y	N	2000
E Bos	Clinical Value of Analytes in Cyst Fluid from Ovarian Tumors	Y	N	2003
M Engelbrecht	Local Staging of PCa using MRI	Y	N	2003
JJ Futterer	Advanced MRI Techniques in Localising and Local Staging of PCa.	Y	N	08-02-06
A Hovels	The Value of MR-Lymphography in the Detection of Lymph Nodal Metastasis in Patients with PCa.	Y	N	10-02-08
S Broekhuis	Dynamic MRI in Female Pelvic Floor Disorders	Y	N	10-03-2010
WMLLG Deserno	New Horizons in Lymph Node Imaging in Oncology	Y	N	22-12-2010
J Veltman	Dynamic Contrast Enhanced MRI in the Classification of Breast Lesions	Y	N	11-10-2010
RM Mann	The Effectiveness of Breast MRI in Invasive Lobular Carcinoma	Y	N	24-11-2010
H Meijer	Magnetic resonance lymphography and lymph node irradiation in prostate cancer	Y	N	
MJ Stoutjesdijk	Automated Analysis of Contrast Enhancement in MRI of the Breast	Y	N	16-11-2011
PC Vos	Computer-aided Diagnosis of PCa with MRI	Y	N	08-12-2011
C Meeuwis	Computer Aided Detection and Guided Biopsies using 3T MRI	Y	N	27-09-2011
R Heesakkers	MR-lymphography in Prostate cancer	Y	N	25-01-2012
T Hambrock	The value of 3T MRI for the Diagnosis and Aggressiveness Assessment of prostate cancer	Y Cum Laude	N	04-12-2012
D. Yakar	MRI in localizing prostate Cancer (recurrence) and guided interventions	Y	N	04-12-2012
D. Somford	Challenges in the diagnosis, grading and staging of prostate cancer	Y	N	26-09-2013
C. Hoeks	Multiparametric MR imaging and MR guided biopsy: prostate cancer diagnosis and risk-stratification	Y	N	04-10-2013
G Litjens	Computerized detection of cancer in multiparametric prostate MRI	Y	N	23-01-2015
S Heijmink	MR Imaging of Prostate Cancer at 3T: the Pros and Cons of Scanning with Endorectal Coil	Y		24-06-2015

E Vos	Magnetic resonance imaging of prostate cancer: assessment of aggressiveness and pre-clinical developments	Y		01-05-2016
W van de Ven	MRI guided TRUS prostate biopsy - a viable alternative?	Y		04-07-2016
M Hoogenboom	MRI guided HiFu	Y		07-03-2017
J Bomers	MR-guided focal therapy in patients with localized recurrent prostate cancer	Y		06-06-2017
M. Schouten	MRI-guided prostate biopsy: which direction?	Y		19-07-2017
K. Overduin	MRI-guided interventions for fast diagnosis and focal treatment of (recurrent) prostate cancer	Y		18-12-2017
M de Rooij	Multiparametric MRI in prostate cancer	Y		06-07-2017
W. Venderink	MRI and MRI-targeted biopsy of the prostate. The role of direct in-bore and MRI US fusion guided biopsy	Y		11-12-2018