

Ole Graumann

Associate Professor, MD, PhD

Chief consultant, Radiology Department, Odense University Hospital, Denmark

Head of section & Radiological Innovation Unit, Odense University Hospital, Denmark

Personal sites

[http://findresearcher.sdu.dk/portal/da/persons/ole-graumann\(a700da97-54e6-4604-8507-6b507bd434fd\)/publications.html?filter=research](http://findresearcher.sdu.dk/portal/da/persons/ole-graumann(a700da97-54e6-4604-8507-6b507bd434fd)/publications.html?filter=research)

<https://scholar.google.dk/citations?user=LaSvEoUAAAAJ&hl=da>

<http://orcid.org/0000-0002-9663-8361>

Education and employment

2018 - Senior Researcher, Centre for Innovative Medical Technology (CIMT), Odense University Hospital

2017 - Head of Radiological Innovation Unit, Odense University Hospital

2016 - Head of Uroradiology Section, Dep. of Radiology, Odense University Hospital

2016 - Chief consultant – Dep. of Radiology, Odense University Hospital

2014 - 2016 Chief consultant – Dep. of Radiology, Aarhus University Hospital

2016 - Director - Radiology Research Unit, University of Southern Denmark

2016 - Associate Professor – University of Southern Denmark

2014 - Associate Professor – Aarhus University, Denmark

2014 - 2016 Adjunct Associate Professor – University of Southern Denmark

2014 - 2016 Director - Radiology Research Center, Aarhus University

2012 - 2014 Associate Professor, University of Southern Denmark

2009 - 2013 Ph.D. degree from University of Southern Denmark

2006 - 2014 Radiology trainee

2004 - 2005 Medical trainee

1997 - 2004 Medical approval and M.D. from Aarhus University, Denmark

1996 - 1997 International scholarship, County College of Morris, NJ, USA

Publications (exclusive submitted, in-press, etc)

Peer-reviewed papers > 35. Total citations: >230. H-index: 7. > 60 peer-reviewed abstracts and proceedings, international conferences. First and last author > 15

Books

Editor and book chapter author:

B:5 Basal Klinisk Ultralydsdiagnostik, Munksgaard 2017, ISBN: 9788762816961

Book chapter author:

B:4 Thoracic Ultrasound, ERS monograph, European Respiratory Society, 2018 "Physics and basic principle" and "The upper abdomen", ISBN: 978-1-84984-093-4

B:3 Basal Radiologi, "Urinveje og mandlige genitalia", FaDL 2017, ISBN: 9788777497322

B:2 Medicinske og kirurgiske cases, Radiologiske cases, FaDL 2017, ISBN-13:9788777498435

B:1 Den akutte Patient, "Akut billeddiagnostisk" og "Akut ultralydsguidet intervention", Munksgaard 2016, ISBN: 9788762814172

Board, Council, and Committee membership

1: Member, Dansk Radiologisk Selskab (DRS)

2: Past-Board member, Dansk Ultralyddiagnostisk selskab (DUDS)

3: Past-Board member, Dansk Forening for Interventionel Radiologi (DFIR)

4: Past-Board member, Dansk Ultralyddiagnostisk Selskab (DUDS)

5: Member, Dansk Forening for Onkoradiologi (DFOR)

6: Member, Dansk Akut Medicinsk Selskab (DASEM)

7: Board member, Dansk Uroradiologisk selskab (DURS)

8: Fellow, European Society of Urogenital Radiology

9: Board member, Dansk Urologisk Cancer Gruppe (DaProCa) (Prostate cancer)

10: European Society of Urogenital Radiology (Renal Cancer Group)

Supervisor

Supervisor for 2 Post doc, 10 PhD students, Supervisor for 3 master students (MSc and MSc BE). Supervisor > 10 other students (MD students etc).

2018-Supervisor for PhD student, MD, Anders Frey
2018 - Main supervisor for upcoming PhD student, RN, Theresa Junker
2018 - Main supervisor for PhD student, MD, Louise Aarup Duus
2018 - Supervisor for PhD student, MD, Niels Jacobsen
2017 - Main supervisor for Post doc, MD and PhD, Benjamin Rasmussen
2017 - Main supervisor for PhD student, radiographer, Janni Jensen
2017 - Supervisor for PhD student, MD, Torben Brøncher Petersen
2016 - Supervisor for PhD student, MD, Pia Iben Pietersen
2016 - Supervisor for PhD student, MD, Camilla Aakjær (Aalborg University)
2016 - Supervisor for Post doc, MD and PhD, Christian B. Laursen
2015 – 2018 Main supervisor for PhD student, MD, Anuj Pareek (Aarhus University)
2014 - Supervisor for PhD student, MD, Søren Skaarup, (Aarhus University)

Awards, prizes

2017: European Society of Urogenital Radiology Congress: Best Scientific presentation
2016: Carl Krebs honorary scholarship (25.000 kr.)

Referee/editorial

Scandinavian Journal of Urology
Acta Radiologica
Insights Imaging
Ugeskr Laeger.

Major grants

Søster og Verner Lipperts Fond – IT (2015: 95.000 kr.)
Aase og Ejnar Danielsens Fond (2015: 75.000 kr.)
Toyotafonden (2015: 200.000 kr.)
Aase og Ejnar Danielsens Fond (2015: 100.000 kr.)
Lipperts Fond (2016: 95.000 kr.)
Gross. L. F. Foghts Fond (2016: 31.744,50 kr.)
Danske Lægers Forsikring under SEB Pension (2017: 34.767 kr.)
Jorcks Fond Rejsestipendium (2017: 200.000kr.)
SDU E-læringspuljen (2017: 110.900 kr.)
OUH Innovationspuljen (2018: 500.000kr.)

Publication list

Publications

Diagnostic accuracy of low-dose and ultra-low-dose CT in detection of chest pathology: a systematic review
Tækker, M., Kristjansdottir, B., Graumann, O., Laursen, C. B. & I. Pietersen, P., 6. Jan 2021, In: Clinical Imaging.

Termoablation af hjernetumorer

Jankovic, I., Bartek, J., Jensdottir, M., Rom Poulsen, F., Pedersen, C. B., Kristensen, B. W., Schytte, T., Andersen, T. L., Langhorn, L., Graumann, O., Krone, W. & Halle, B., Jan 2021, In: Ugeskrift for Laeger. 183, 1, V12190734.

Incidental finding of a right-sided supernumerary kidney

Andersen, N. L., Jensen, R. & Graumann, O., 17. Dec 2020, In: BMJ Case Reports. 13, 12, 2 p., e239968.

EFSUMB 2020 Proposal for a Contrast-Enhanced Ultrasound-Adapted Bosniak Cyst Categorization - Position Statement

Cantisani, V., Bertolotto, M., Clevert, D-A., Correas, J-M., Drudi, F. M., Fischer, T., Gilja, O. H., Granata, A., Graumann, O., Harvey, C. J., Ignee, A., Jenssen, C., Lerchbaumer, M. H., Ragel, M., Saftoiu, A., Serra, A. L., Stock, K. F., Webb, J. & Sidhu, P. S., 11. Dec 2020, In: Ultraschall in der Medizin (Stuttgart, Germany : 1980).

Use and impact of point-of-care ultrasonography in general practice: A prospective observational study

Aakjær Andersen, C., Brodersen, J., Davidsen, A. S., Graumann, O. & Jensen, M. B. B., 17. Sep 2020, In: *BMJ Open*. 10, 9, 9 p., e037664.

Contrast-Enhanced Ultrasound: Development of Syllabus for Core Theoretical and Practical Competencies

Jacobsen, N., Nolsøe, C. P., Konge, L., Graumann, O., Dietrich, C. F., Sidhu, P. S., Piscaglia, F., Gilja, O. H. & Laursen, C. B., Sep 2020, In: *Ultrasound in Medicine & Biology*. 46, 9, p. 2287-2292

Segmental Testicular Infarction - Is Conservative Management Feasible?

Bak-Ipsen, C. B., Degn, S., Blichert-Refsgaard, L. S., Nielsen, T. K., List, H. & Graumann, O., Sep 2020, In: *Ultrasound International Open*. 6, 2, p. E50-E52

Kunstig intelligens til cancerdiagnostik i brystkræftscreening

Talal Elhakim, M., Graumann, O., Larsen, L. B., Nielsen, M. & Rasmussen, B. S., 17. Aug 2020, In: *Ugeskrift for Læger*. 182, 16, p. 1488-1492 V06200423.

Point-of-care ultrasound to reveal hydronephrosis in the emergency department: an observational, prospective, semi-blinded single-center study

Borggaard, P. G., Graumann, O., Laursen, C. B., Lassen, A. T. & Posth, S., 23. Jul 2020, In: *European journal of emergency medicine : official journal of the European Society for Emergency Medicine*.

Are radiographic measurements of distal radius fractures evidence based?

Jensen, J., Rasmussen, B. S., Aarup Duus, L., Torfing, T., Precht, H., Tromborg, H. B. & Graumann, O., 15. Jul 2020.

Distal radius fractures – radiographic measurements and patient reported outcome

Jensen, J., B J Løndal, I., M Sudmann, T. & Graumann, O., 15. Jul 2020.

Intralymphatic immunotherapy improves grass pollen allergic rhinoconjunctivitis: A 3-year randomized placebo-controlled trial

Skaarup, S. H., Schmid, J. M., Skjold, T., Graumann, O. & Hoffmann, H. J., 14. Jul 2020, In: *Journal of Allergy and Clinical Immunology*.

Ultrasound-Guided Cryoablation of Renal Grafts Tumors

Bo Madsen, J. L., Bak-Ipsen, C. B., Nielsen, T. K., Solvig, J. & Graumann, O., 22. Jun 2020, In: *Ultrasound International Open*. 6, 1, p. E4-E6

Accuracy of lung ultrasonography in the hands of non-imaging specialists to diagnose and assess the severity of community-acquired pneumonia in adults: a systematic review

Strøm, J. J., Haugen, P. S., Hansen, M. P., Graumann, O., Jensen, M. B. B. & Aakjær Andersen, C., 17. Jun 2020, In: *BMJ Open*. 10, 6, 8 p., e036067.

Point-of-care ultrasound induced changes in management of unselected patients in the emergency department - a prospective single-blinded observational trial

Weile, J., Frederiksen, C. A., Laursen, C. B., Graumann, O., Sloth, E. & Kirkegaard, H., 29. May 2020, In: *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*. 28, 9 p., 47.

Clinical Applications of Contrast-Enhanced Thoracic Ultrasound (CETUS) Compared to Standard Reference Tests: A Systematic Review

Jacobsen, N., Pietersen, P. I., Nolsøe, C., Konge, L., Graumann, O. & Laursen, C. B., 7. Apr 2020, In: *Ultraschall in der Medizin (Stuttgart, Germany : 1980)*.

Lung Ultrasound in the Assessment of Pulmonary Complications After Lung Transplantation

Davidsen, J. R., Schultz, H. H. L., Henriksen, D. P., Iversen, M., Kalhauge, A., Carlsen, J., Perch, M., Graumann, O. & Laursen, C. B., Apr 2020, In: *Ultraschall in der Medizin (Stuttgart, Germany : 1980)*. 41, 2, p. 148-156

Can Dual Energy CT with Fast kV-Switching Determine Renal Stone Composition Accurately?

Mussmann, B. R., Hardy, M., Jung, H., Ding, M., Othser, P. J. S. & Graumann, O., 23. Mar 2020, In: Academic Radiology.

Kunstig intelligens - trussel eller tjener?

Rasmussen, B. S., Boesen, M. & Graumann, O., Feb 2020, In: Medicoteknik. 7, 1, p. 6-8

Renal cryoablation - does deep endophytic ablation affect the renal collecting system?

Makki, A., Aastrup, M. B., Vinter, H., Ginnerup, B., Graumann, O., Borre, M. & Nielsen, T. K., Feb 2020, In: Scandinavian Journal of Urology. 54, 1, p. 33-39

Can the examination time in CT and conventional x-ray be reduced in an emergency department with integrated radiology unit? A retrospective study

Blessing, K. F., Brabrand, M., Graumann, O., Foldrup, A. & Mussmann, B., 1. Jan 2020, In: Acute Medicine Journal. 19, 1, p. 21-25

Clinical applications of contrast-enhanced thoracic ultrasound (CETUS) compared to standard reference tests: a systematic review

Jacobsen, N., Konge, L., Pietersen, P. I., Nolsøe, C. P., Graumann, O. & Laursen, C. B., 2020, In: European Respiratory Journal. 56, suppl. 64, 2785.

CT Thermometry in Cryoablation

Graumann, O., Skov-Madsen, P., Cukrowski, A., Keane, G., Faby, S. & Mussmann, B. R., 2020.

Patient involvement in designing a research project at the Department of Radiology – NEPHSPARE PRO: Patient reported outcome after nephron sparing treatment of small renal tumors

Junker, T., Lund, L., Rasmussen, B. S., Azawi, N. H., Nørsgaard, B. & Graumann, O., 2020.

The number of successful injections associates with improved clinical effect in intralymphatic immunotherapy

Skaarup, S. H., Graumann, O., Schmid, J., Bjerrum, A. S., Skjold, T. & Hoffmann, H. J., 2020, In: Allergy: European Journal of Allergy and Clinical Immunology.

Distal radius fractures and radiographic assessment: a systematic review of measurement accuracy.

Jensen, J., Rasmussen, B. S., Aarup Duus, L., Torfing, T., Precht, H., Tromborg, H. B. & Graumann, O., Nov 2019, In: Acta Radiologica. 60, 11, p. 1482-1489

Percutaneous ultrasound-guided cryoablation of renal grafts tumours

Lynggård Bo Madsen, J., Nielsen, T. K., Solvig, J. & Graumann, O., 10. Oct 2019.

Late Breaking Abstract - Training thoracic ultrasound skills: a multicentre, blinded, randomized controlled trial of simulation-based training versus training on healthy figurants

Iben Pietersen, P., Jørgensen, R., Graumann, O., Konge, L., Helbo Skaarup, S., Lawaetz Schultz, H. H. & Laursen, C. B., 28. Sep 2019, In: European Respiratory Journal. 54, suppl 63, p. OA5341

Conservative treatment of rectosigmoid endometriosis: A prospective study

Egekvist, A. G., Marinovskij, E., Forman, A., Kesmodel, U. S., Graumann, O. & Seyer-Hansen, M., Sep 2019, In: Acta Obstetrica et Gynecologica Scandinavica. 98, 9, p. 1139-1147

Development of and Gathering Validity Evidence for a Theoretical Test in Thoracic Ultrasound

Pietersen, P. I., Konge, L., Madsen, K. R., Bendixen, M., Maskell, N. A., Rahman, N., Graumann, O. & Laursen, C. B., Sep 2019, In: Respiration. 98, 3, p. 221-229

CT-guidet cryoablation af nyrecancer: et retrospektivet studie af klinisk og onkologisk outcome

Aarup Duus, L., Rasmussen, B. S., Lund, L., Pedersen, M. & Graumann, O., 29. Aug 2019, p. 125. 1 p.

Complication Incidences and Treatment Outcomes of Endovascular Aneurysm Repair-A Single-Center Long-Time Follow-Up Study

Andersen, R. M., Rasmussen, B. S. B., Halekoh, U., Langfeldt, S., Mafi, H. M. & Graumann, O., Aug 2019, In: Vascular and Endovascular Surgery. 53, 6, p. 458-463

Danish general practitioners have found their own way of using point-of-care ultrasonography in primary care: A qualitative study

Andersen, C. V. A., Davidsen, A. S., Brodersen, J., Graumann, O. & Jensen, M. B., 28. Jun 2019, In: BMC Family Practice. 20, 11 p., 89.

Diagnostic value of whole-body-focused ultrasonography in high-acuity patients in the emergency department: a prospective single-center cross-sectional study

Riishede, M., Laursen, C. B., Teglbjærg, L. S., Rancinger, E., Pedersen, P. B., Luef, S. M., Clausen, J. H., Graumann, O., Lassen, A. T. & Baatrup, G., 27. May 2019, In: Ultrasound Journal. 11, 11 p., 11.

Economic evaluation of percutaneous cryoablation versus partial nephrectomy of small renal masses. A systematic review

Aarup Duus, L., Gulden, T., Che, C. & Graumann, O., 22. May 2019.

Developing and Gathering Validity Evidence for a Simulation-Based Test of Competencies in Lung Ultrasound

Pietersen, P. I., Konge, L., Graumann, O., Nielsen, B. U. & Laursen, C. B., 1. Apr 2019, In: Respiration. 97, 4, p. 329-336

Percutaneous cryoablation of a solitary, soft-tissue metastasis from renal cell carcinoma: a new local minimal invasive curative treatment

Junker, T., Rasmussen, B. S., Toft, A. & Graumann, O., 23. Mar 2019, In: BMJ Case Reports. 12, 3, 4 p., 227129.

Nephspare PRO - Patientrapporteret livskvalitet efter nyrebevarende behandling af lokaliseret nyrekæft - Patientinvolvering i forskningsprocessen

Junker, T., Graumann, O., Nørgaard, B., Rasmussen, B. S., Lund, L. & Azawi, N. H., 2019.

Preliminary results of multiparametric magnetic resonance scan in combination with liquid biopsies performed on men suspected of prostate cancer.

Brøchner Pedersen, T., Poulsen, M. H., Graumann, O., Asmussen, J. T. & Lund, L., 2019.

Point-of-care ultrasound findings in unselected patients in an emergency department -results from a prospective observational trial

Weile, J., Laursen, C. B., Frederiksen, C. A., Graumann, O., Sloth, E. & Kirkegaard, H., 27. Dec 2018, In: BMC Emergency Medicine. 18, 8 p., 60.

Teaching for active learning

Graumann, O., Jensen, R., Andreasen, E., Mejlvang, B., Nørgaard, C. & Rasmussen, B. S., 6. Nov 2018.

Cryoablation: a potential treatment option for renal metastasis from lung cancer?

Degn, S., Davidsen, J. R. & Graumann, O., 1. Nov 2018, In: BMJ Case Reports. 2018, 225841.

A Long-Time Follow-Up Study of a Single-Center Endovascular Aneurysm Repair (Evar) Endoleak Outcomes

Andersen, R. M., Henriksen, D. P., Mafi, H. M., Langfeldt, S., Budtz-Lilly, J. & Graumann, O., Oct 2018, In: Vascular and Endovascular Surgery. 52, 7, p. 505-511

Lung ultrasound training: a systematic review of published literature in clinical lung ultrasound training

Pietersen, P. I., Madsen, K. R., Graumann, O., Konge, L., Nielsen, B. U. & Laursen, C. B., 3. Sep 2018, In: Critical Ultrasound Journal. 10, 15 p., 23.

medical treatment of rectal endometriosis: symptoms and quality of life

Graumann, O., Gisselmann Egekvist, A., Marinovskij, E. (ed.), Forman, A. (ed.), Kesmodel, U. S. (ed.) & Seyer-Hansen, M., 10. Jun 2018.

Short-term complications for percutaneous ultrasound-guided biopsy of renal masses in adult outpatients

Rasmussen, L. R., Loft, M., Nielsen, T. K., Bjødstrup Jensen, M., Høyer, S., Hørlyck, A. & Graumann, O., Apr 2018, In: *Acta Radiologica*. 59, 4, p. 491-496

Validation of the Peripheral Ultrasound-guided Vascular Access Rating Scale

Primdahl, S. C., Weile, J., Clemmesen, L., Madsen, K. R., Subhi, Y., Petersen, P. & Graumann, O., Jan 2018, In: *Medicine (United States)*. 97, 2, 7 p., 9576.

Education and training in lung ultrasound: a systematic review

Pietersen, P. I., Madsen, K. R., Graumann, O., Konge, L., Nielsen, B. U. & Laursen, C. B., 2018, In: *European Respiratory Journal*. 52, Suppl. 62, 1 p., OA1639.

Physics and basic principles

Alerhand, S., Graumann, O. & Nelson, B. P., 2018, In: *ERS Monograph*. 2018, 9781849840941, p. 1-13

The upper abdomen

Posth, S. & Graumann, O., 2018, In: *ERS Monograph*. 2018, 9781849840941, p. 148-160

Kosteneffizienz des App-basierten Selbststudiums im „Extended Focused Assessment with Sonography for Trauma“ (eFAST): Eine randomisierte Studie

Nilsson, P. M., Todsén, T., Subhi, Y., Graumann, O., Nolsøe, C. P. & Tolsgaard, M. G., Dec 2017, In: *Ultraschall in der Medizin*. 38, 6, p. 642-647

Iceball fracture during CT guided Cryoablation of Renal Papillary Adenocarcinoma

Christensen, K. P., Mussmann, B. R., Aarup Duus, L. & Graumann, O., 1. Jun 2017, In: *Acta Radiologica*. 58, 1 Suppl., p. 31 1 p., P19.

A systematic review regarding magnetic resonance imaging's ability to diagnose and subdivide renal tumors among adults compared to histopathology

Lynggård Bo Madsen, J., Aarup Duus, L., Lund, L., Nielsen, T. K. & Graumann, O., 2017.

Arterial Clamping Increases Central Renal Cryoablation Efficacy: An Animal Study

Nonboe, L. L., Nielsen, T. K., Høyer, S., Graumann, O., Frøkjær, J. B. & Borre, M., 2017, In: *Technology in Cancer Research and Treatment*. 16, 4, p. 414-420

Computed Tomography Perfusion, Magnetic Resonance Imaging, and Histopathological Findings After Laparoscopic Renal Cryoablation: An *In Vivo* Pig Model

Nielsen, T. K., Østraat, Ø., Graumann, O., Pedersen, B. G., Andersen, G., Høyer, S. & Borre, M., 2017, In: *Technology in Cancer Research and Treatment*. 16, 4, p. 406-413

Cryoablation of Renal Angiomyolipoma: An Evaluation of Safety and Efficacy

Makki, A., Graumann, O., Høyer, S., Solvig, J., Østraat, Ø., Madsen, M. G. & Nielsen, T. K., 2017, In: *Journal of Endourology*. 31, 11, p. 1117-1122

Learning curves for focused lung ultrasound in the hands of emergency physicians

Lynggård Bo Madsen, J., Graumann, O., Posth, S., Iben Pietersen, P., Konge, L. & Laursen, C. B., 2017, In: *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*. 25, Suppl. 2, p. 4-5 A8.

Lung Ultrasound Has Limited Diagnostic Value in Rare Cystic Lung Diseases: a cross-sectional study

Davidson, J. R., Bendstrup, E., Henriksen, D. P., Graumann, O. & Laursen, C. B., 2017, In: *European Clinical Respiratory Journal*. 4, 1, 9 p., 1330111.

Outcomes of haematuria referrals: two-year data from a single large university hospital in Denmark

Elmussareh, M., Young, M., Ordell Sundelin, M., Bak-Ipsen, C. B., Graumann, O. & Jensen, J. B., 2017, In: Scandinavian Journal of Urology. 51, 4, p. 282-289

Bosniak classification system: a prospective comparison of CT, contrast-enhanced US, and MR for categorizing complex renal cystic masses

Graumann, O., Osther, S. S., Karstoft, J., Hørlyck, A. & Osther, P. J. S., 1. Nov 2016, In: Acta Radiologica. 57, 11, p. 1409-1417

Contrast-enhanced Ultrasound-guided Transthoracic Lung Biopsy

Laursen, C. B., Graumann, O., Vigenberg Møller, T. & Rømhild Davidsen, J., 1. Sep 2016, In: American Journal of Respiratory and Critical Care Medicine. 194, 5, p. e5-e6

Ultrasound-guided Lung Biopsy in the Hands of Respiratory Physicians: Diagnostic Yield and Complications in 215 Consecutive Patients in 3 Centers

Laursen, C. B., Naur, T. M. H., Bodtger, U., Colella, S., Naqibullah, M., Minddal, V., Konge, L., Rømhild Davidsen, J., Hansen, N-C. G., Graumann, O. & Clementsen, P. F., 1. Jul 2016, In: Journal of Bronchology & Interventional Pulmonology. 23, 3, p. 220-228

Acute renal failure and arterial hypertension due to sub capsular hematoma: is percutaneous drainage a feasible treatment?

Kobel, M. C., Nielsen, T. K. & Graumann, O., 18. Jan 2016, In: BMJ Case Reports. 3 p.

Inter- and intraobserver agreement in detection of testicular microlithiasis with ultrasonography

Pedersen, M. R. V., Graumann, O., Hørlyck, A., Duus, L. A., Boel Jørgensen, M. M., Vagn-Hansen, C. A., Holst, R. & Rafaelsen, S. R., 1. Jan 2016, In: Acta Radiologica. 57, 6, p. 767-772

Acute renal failure and arterial hypertension due to sub capsular hematoma: is percutaneous drainage a feasible treatment?

Kobel, M. C., Nielsen, T. K. & Graumann, O., 2016.

ILIT is a similarly effective treatment of grass pollen induced rhinitis for patients with moderate/severe and mild symptoms

Skaarup, S. H., Schmid, J. M., Skjold, T., Graumann, O. & Hoffmann, H. J., 2016, In: Allergy. 71, S102, p. 60-61

Learning curves for ultrasound guided lung biopsy in the hands of respiratory physicians

Laursen, C., Naur, T. M. H., Bodtger, U., Konge, L., Henriksen, D. P., Colella, S., Naqibullah, M., Minddal, V., Davidsen, J. R., Hansen, N. C., Graumann, O. & Clementsen, P. F., 2016.

PADUA score predicts treatment failures in laparoscopic cryoablation of small renal masses

Nielsen, T. K., Lagerveld, B., Østraat, Ø., Andersen, G., Høyer, S., van der Zee, J., Nonboe, L., Graumann, O. & Borre, M., 2016, In: Journal of Endourology. 30, 5, p. 537-543

Testicular Microlithiasis- How good are Radiologist?

Pedersen, M. R. V., Graumann, O., Hørlyck, A., Duus, L. A., Jørgensen, M. M., Vagn-Hansen, C., Holst, R. & Rafaelsen, MD, DMSc, S. R., 2016.

Diagnose og behandling af symptomgivende hydronefrose i graviditeten

Simonsen, J. A., Graumann, O., Toft, A., Henriques, C. U. & Walter, S., 14. Sep 2015, In: Ugeskrift for Laeger. 178, 15, p. 1412-1415

Testicular microlithiasis? How good are Radiologist?

Pedersen, M. R. V., Graumann, O., Hørlyck, A., Duus, L. A., Boel Jørgensen, M. M., Vagn-Hansen, C. A., Holst, R. & Rafaelsen, S. R., Sep 2015.

Ultralydsguidet venflonanlæggelse

Munk, S. & Graumann, O., 1. Mar 2015, In: Radiografen.

Ultralydundersøgelse ved diagnostik og kontrol af pneumoni

Skaarup, S. H., Graumann, O., Zhang, C. & Laursen, C. B., 2. Feb 2015, In: Ugeskrift for Læger. 177, 3, p. 255-259 V08130503.

Akut ultralyd

Todsen, T., Graumann, O., Laursen, C. B., Weile, J., Søndergaard Aagaard, R., Bøtker, M. T., Foss, K. T., Bessmann, E. L., Subhi, Y. & Vind, I., 2015, Center for Klinisk Uddannelse, Rigshospitalet.

Bosniak classification system: inter-observer and intra-observer agreement among experienced urologists

Graumann, O., Osther, S. S., Karstoft, J., Hørlyck, A. & Osther, P. J., 2015, In: Acta Radiologica. 56, 3, p. 374-383

Calyceal diverticulum – the great imitator of serious renal pathology

Pareek, A., Laursen, C. B. & Graumann, O., 2015.

Computed Tomography Contrast Enhancement Following Renal Cryoablation: Does it Represent Treatment Failure?

Nielsen, T. K., Østraat, Ø., Andersen, G., Høyer, S., Graumann, O. & Borre, M., 2015, In: Journal of Endourology. 29, 12, p. 1353-60

Does arterial clamping increase central renal cryoablation efficacy?

Nonboe, L. L., Nielsen, T. K., Østraat, Ø., Høyer, S., Graumann, O. & Borre, M., 2015.

Does arterial clamping increase central renal cryoablation efficacy?

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