



Publikationen und Vorträge 2017

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Radiologie

Originalarbeiten und Fallberichte

- **Müller MD., Ahlhelm FJ., von Hessling A., Doig D., Nederkoorn PJ., Macdonald S., Lyrer PA., van der Lugt A., Hendrikse J., Stippich C., van der Worp HB., Richards T., Brown MM., Engelter ST., Bonati LH.:**
 - Vascular Anatomy Predicts the Risk of Cerebral Ischemia in Patients Randomized to Carotid Stenting Versus Endarterectomy. *Stroke*. 2017; 48(5):1285-1292.
- **Badiyan S., Ulmer S., Ahlhelm F., Fredh ASM., Kliebsch U., Calaminus G., Bolsi A., Albertini F., Leiser D., Timmermann B., Malyapa R., Schneider R., Lomax AJ., Weber DC.:**
 - Clinical and Radiologic Outcomes in Adults and Children Treated with Pencil-Beam Scanning Proton Therapy for Low-Grade Glioma. *International Journal of Particle Therapy*: Spring 2017;3:450-460.
- **Bojaxhiu B., Ahlhelm F., Walser M., Placidi L., Kliebsch U., Mikroutsikos L., Morach P., Bolsi A., Lomax T., Pica A, Weber D.:**
 - Radiation Necrosis and White Matter Lesions in Pediatric Patients with Brain Tumors treated with Pencil Beam Scanning Proton Therapy. *Int Journal of Radiation Oncology*. Epub 12/2017. doi 10.1016/j.ijrobp.2017.11.037 .
- **Lieb JM., Ahlhelm FJ.:**
 - Tumoren der Sella-Region. *Radiologe*. 2017;57:740-747. doi: 10.1007/s00117-017-0270-7.
- **Attenberger UI., Ong MM., Rathmann N., Doyon F., Kienle P., Hofheinz RD., Pilz LR., Dinter DJ., Schoenberg SO, Hausmann D.:**
 - mMRI at 3.0 T as an Evaluation Tool of Therapeutic Response to Neoadjuvant CRT in Patients with Advanced-stage Rectal Cancer. *Anticancer Res*, 2017;37(1):215-222.
- **Westhoff N., Siegel FP., Hausmann D., Polednik M., von Hardenberg J., Michel MS., Ritter M.:**
 - Precision of MRI/ultrasound-fusion biopsy in prostate cancer diagnosis: an ex vivo comparison of alternative biopsy techniques on prostate phantoms. *World J Urol*. 2017;35:1015-1022. doi: 10.1007/s00345-016-1967-3.
- **Hausmann D., Aksöz N., von Hardenberg J., Martini T., Westhoff N., Buettner S., Schoenberg SO., Riffel P.:**
 - Prostate cancer detection among readers with different degree of experience using ultra-high b-value Diffusion-weighted Imaging: Is a non-contrast protocol sufficient to detect significant cancer? *Eur Radiol*. 2017 Aug 10. [Epub ahead of print]. doi: 10.1007/s00330-017-5004-8.

- **Attenberger UI., Liu J., Riffel P., Budjan J., Grimm R., Block KT., Schoenberg SO., Wang X., Hausmann D.:**
 - Quantitative Perfusion Analysis of the Rectum Using Golden-Angle Radial Sparse Parallel Magnetic Resonance Imaging: Initial Experience and Comparison to Time-Resolved Angiography With Interleaved Stochastic Trajectories. *Invest Radiol.* 2017;52:715–724. doi: 10.1097/RLI.0000000000000397.
- **Budjan J., Riffel P., Ong MM., Schoenberg SO., Attenberger UI., Hausmann D.:**
 - Rapid Cartesian versus radial acquisition: comparison of two sequences for hepatobiliary phase MRI at 3 tesla in patients with impaired breath-hold capabilities. *BMC Med Imaging.* 2017;17:32. doi: 10.1186/s12880-017-0203-y.
- **Kaniewska M., Schuetz G., Willun S., Schlattmann P.:**
 - Noninvasive evaluation of global and regional left ventricular function using computed tomography and magnetic resonance imaging: a meta-analysis. *Eur Radiol.* 2017;27:1640-1659. doi: 10.1007/s00330-016-4513-1.
- **Forstner R., Thomassin-Naggara I., Cunha TM., Kinkel K., Masselli G., Kubik-Huch RA., Spencer JA., Rockall A.:**
 - ESUR recommendations for MR imaging of the sonographically indeterminate adnexal mass: an update. *Eur Radiol.* 2017 Jun;27(6):2248-2257. doi: 10.1007/s00330-016-4600-3
- **Krischer B., Forte S., Niemann T., Kubik-Huch RA, Leo C.:**
 - Feasibility of breast MRI after sentinel procedure for breast cancer with superparamagnetic tracers. *EJSO Online* 2017;1-6, 2018;44:74-79. doi: 10.1016/j.ejso.2017.11.016.
- **Falkowski AL., Camathias C., Jacobson JA., Magerkurth O.:**
 - Increased Magnetic Resonance Imaging Signal of the Lateral Patellar Facet Cartilage: A Functional Marker for Patellar Instability? *Am J Sports Med.* 2017;45:2276-2283.
- **Arboleda C., Wang Z., Forte S., Kubik RA., Stampanoni M.:**
 - Investigation of suitable biopsy markers for grating-based phase contrast mammography, *Journal of Instrumentation.* 2017;12:1-5. doi:10.1088/1748-0221/12/01/T01007.
- **Forte S., Dellas S., Stieltjes B., Bongartz B.:**
 - Multimodal ultrasound tomography for breast imaging: a prospective study of clinical feasibility. *European Radiology Experimental.* 2017;1:27.

Übersichtsarbeiten, Buchbeiträge, weitere Publikationen

- **Lieb JM., Ahlhelm FJ.:**
 - Tumoren der Sella-Region. Radiologe. 2017 Jun 30 (Epub ahead of print) doi: 10.1007/s00117-017-0270-7.
- **Ahlhelm F., Shariat K., Götschi S., Ulmer S.:**
 - Intracranial cystic lesions. Radiologe. 2017 Nov 15. doi: 10.1007/s00117-017-0322-z.
- **Kaniewska M., Hohl M., Schäffer L., Heubner M., Kubik-Huch RA.:**
 - «Scars and stars» - MRI of Normal Findings and Complications After Cesarean Delivery. Magnetom Flash. 2017;69:132-137.
- **Alt CD., Kubik-Huch RA.:**
 - Diagnostik und Staging gynäkologischer Tumoren mittels MRT. Radiologie Up2date. 2017;17:183-197.
- **Schäffer L, Beinder E., Kubik-Huch RA.:**
 - Medical Radiology book series: MR Pelvimetry. Springer Verlag 2017, pp 1-11.
- **Roos J., Milosevic G., Heubner M., Kubik-Huch RA.:**
 - Congenital Malformations of the Uterus. Med. Radiol Diagn Imaging. 2017.
- **Jacobson JA., Ruangchajaturporn T., Khoury V., Magerkurth O.:**
 - Ultrasound of the Knee: Common Pathology Excluding Extensor Mechanism. Semin Musculoskelet Radiol. 2017 Apr;21(2):102-112. doi: 10.1055/s-0037-1599204.
- **Kaniewska M., Haefeli M., Laesser U., Niemann T.:**
 - That's my STYLEoideum, Symptomatic os styloideum in an adolescent male. J Radiol Case Rep. 2017 Jul 31;11(7):14-19. doi: 10.3941/jrcr.v11i7.2877.
- **Wilzeck VC, Niemann T., Hansi Ch.:**
 - Right ventricle metastasis of pulmonary sarcomatoid carcinoma. Cardiovascular Medicine. 2017;20:72-73.
- **Anderson M., Anderson S.:**
 - IDKD Syllabus Musculoskeletal Diseases 2017-2020.Springer Verlag 2017.

Abstracts and Congress presentations

- **Peroni M., Lomax AJ, Bolsi A., Poel R., Ahlhelm FJ, Kubik R.:**
 - Shaping proton therapy dose with DTI and DSC MRI data: functional SIB and avoidance proof of concept study. BiGART 2017, oral presentation,14.06.2017.
- **Berger F., Kubik-Huch RA., Niemann T., Schmid HR., Froehlich JM., Beer HJ., Thali MJ., Kraemer T.:**
 - Penetration and Distribution of Gadolinium-Based Contrast Agents into Cerebrospinal Fluid in Humans. RSNA 2017 SSM 16-05, Chicago USA, 26.11. – 01.12.2017.

- **Ghibu P., Buntschu P., Knöchel J., Niemann T., Birrer M., Hasselmann D., Fasihi S., Rouden C., Nocito A., Schneider U.:**
 - Iliac Branch Device through percutaneous ultrasound-guided left axillar access after previous EVAR. A challenge? Jahreskongress der Schweizerischen Gesellschaft für Chirurgie 2017, Bern, 31.05-02.06.2017.
- **Hausmann D., Liu J., Riffel P., Budjan J., Grimm R., Block T., Schoenberg SO., Attenberger UI.**
 - Dynamic Contrast-Enhanced Imaging of the Rectum Using Golden-Angle Radial Sparse Parallel MRI (GRASP): Initial Experience and Comparison to a Conventional Approach Using Time-resolved Angiography With Interleaved Stochastic Trajectories (TWIST). ISMRM 25th Annual Meeting & Exhibition 2017, Honolulu, HI, USA, 22-27 April 2017.
- **Ignjatovic S., Omid R., Kubik-Huch RA., Anderson S., Ahlhelm FA.:**
 - The Retroneural Approach in CT-guided Lumbar Transforaminal Epidural Steroid Injections: Assessment of Efficacy and Safety». SCR 2017;S34:PO15.
- **Ignjatovic S., Omid R., Kubik-Huch RA., Anderson S., Ahlhelm FJ.:**
 - Digital poster presentation: CT-Guided Lumbar Transforaminal Epidural Steroid Injections: The Retroneural Approach (2017). RSNA, Chicago, USA, 26.11. – 01.12.2017.
- **Kaniewska M., Schütz GM, Willun S., Schlattmann P., Devey M.**
 - Non-invasive evaluation of left ventricular function using CT and MRI: a meta-analysis. ECR 2017;S252:B-0330.
- **Kaniewska M., Stojanovic V., Kubik-Huch RA., Anderson SE.:**
 - What is scaropenia? EPOS ECR 2017:C-0365.
- **Kaniewska M., Anderson S., Kubik RA., Ahlhelm FJ, Mameghani A.:**
 - Are whole spine localisers in magnetic resonance imaging examination of lumbar spine useful for detection of unexpected vertebral findings? Pilot study. Musculoskeletal Radiology (ESSR), Bari/Italy, June 15-17, 2017.
- **Kaniewska M., Mameghani A., Specht T., Kubik-Huch RA., Anderson S.:**
 - Cervical spine trauma: When best to call your orthopedic spine surgeon immediately. Understanding classification systems. ESSR 2017: P-0169.
- **Kaniewska M., Kubik-Huch RA., Peterhans M., Neurauter U., Eid K., Anderson S.:**
 - MR reporting of the Ankle made easy : A checklist. SCR 2017;S47:PO57.
- **Kaniewska M., de Beus A., Mameghani A., Ahlhelm F., Kubik- Huch RA., Anderson SE.**
 - How accurate are 84 second whole spine scouts from a lumbar MRI in detecting lumbar and, additional thoracic spine fractures? Interdisciplinary preliminary study of patients over 65 years of age". ESMRMB 2017 - 34th Annual Scientific Meeting, Barcelona, 19-21.10.2017.

- **Kubik R.:**
 - Contrast agents: MRI for gynaecologic imaging: how I do it. ECR 2017;S106:A-520
- **Kubik R.:**
 - The female pelvis:Chairmans:s introduction. ECR 2017;S34:A-147.
- **Kubik RA., Forte S., Wang Z., Arboleda C., Singer G., Leo C., Stampanoni M.:**
 - Challenges in Breast Imaging and Opportunities for Gratings Interferometry. XNPIG2017, Zürich, 14.- 15.09.2017.
- **Peroni M., Vitullo F., Bolsi A., Germershaus O., Lomax A., Weber DC., Niemann T.:**
 - Characterizing and validating DECT rho/z algorithm for proton therapy application: an experimental study. SCR 2017;S40:PO37.
- **Jerjen I, Niemann T., Hefermehl L., Wang Z., Kubik-Huch RA., Stampanoni M.:**
 - In vitro analysis of the composition of urinary calculi by dark-field X-ray radiography. SCR 2017; S39:PO34.
- **Lunkiewicz M., Ritz A., Kubik-Huch RA, Peterhans M., Neurauter U., Eid K., Anderson S.:**
 - Pearls and Pitfalls of ankle tendon pathologies. SCR 2017;S48:PO60.
- **Forte S., Wang Z., Arboleda C., Singer G., Kubik RA., Stampanoni M.:**
 - Grating-Based-X-Ray-Phase-Constrast-Mammographie: A promising tool to avoid unnecessary procedures in patients with clustered microcalcifications on Mammography. EUSOBI, Berlin, 21.– 23.09.2017.
- **Arboleda C., Wang Z., Forte S., Singer G., Kubik-Huch RA., Stampanoni M.:**
 - Assessment of breast lesions malignancy using phase contrast imaging. SCR 2017;S22:SS203.
- **Wang Z., Arboleda C., Forte S., Singer G., Kubik-Huch RA., Stampanoni M.:**
 - Ex-vivo study of suspicious microcalcifications in breast tissue biopsies using gratings interferometer. XNPIG2017.
- **Kubik RA., Forte S., Wang Z., Arboleda C., Singer G., Leo C., Stampanoni M.:**
 - Challenges in Breast Imaging and Opportunities for Gratings Interferometry. XNPIG2017, Zürich, 14.09.2017.
- **Krischer B., Forte S., Niemann T., Kubik-Huch RA., Leo C.:**
 - Feasibility of breast cancer follow up MRI after sentinel procedure with superparamagnetic iron oxide. FM-VI/62. Annual Congress Swiss Society of Obstetrics and Gynecology. 28th-30th June 2017, Lausanne, Switzerland.
- **Jerjen I., Niemann T., Hefermehl L., Wang Z., Kubik-Huch RA., Stampanoni M.:**
 - In vitro analysis of the composition of urinary calculi by dark-field X-ray radiography. SCR 2017; S39:PO34.

- **Arboleda C., Wang Z., Jefimovs K., Jerjen I., Koehler T., Van Stevendaal U., Kuhn N., David B., Pevrhál S., Forte S., Kubik-Huch RA., Leo C., Singer G., Marcon M., Boss A., Roessl E., Stampanoni M.:**
 - Implementation of a full-field-of-view grating-based phase-contrast mammography clinical investigational device. XNPIG2017, Zürich, 14.- 15.09.2017.
- **Buntschu P., Knöchel J., Niemann T., Birrer M., Hasselmann D., Fasihi S., Rouden C., Nocito A., Schneider U., Ghibu P.:**
 - Distribution and therapies of aneurysmal vascular conditions in a single center. Jahreskongress der Schweizerischen Gesellschaft für Chirurgie 2017. 31th May- 2nd June 2017, Bern, Switzerland.
- **Belloni S., Peroni M., Safai S., Fattori G., Perrin R., Walser M., Niemann T., Kubik-Huch RA., Lomax AJ., Weber DC., Bolsi A.:**
 - Experimental investigation of CT imaging approaches for metal artefacts compensation in protontherapy. ESTRO 2017, Wien. 05. – 09.05.2017.
- **Niemann T., Jerjen I., Hefermehl L., Wang Z., Stampanoni M., Kubik-Huch RA.:**
 - Accuracy of in vitro semiautomatic segmentation of urinary stone size in CT compared with manual size estimation in radiographic correlation. 24th European Symposium on urogenital radiology, ESUR, Sopot, Poland, 14th-17th September 2017.
- **Niemann T., Jerjen I., Hefermehl L., Wang Z., Stampanoni M., Kubik-Huch RA.:**
 - Towards a fast, low dose determination of urinary stone types by X-ray dark field radiographic imaging. 24th European Symposium on urogenital radiology. ESUR, Sopot, Poland, 14.-17.09.2017.
- **Hausmann D., Liu J., Riffel P., Budjan J., Schönberg S., Attenberger U.:**
 - Perfusionsanalyse des Rektums mittels zeitaufgelöster GRASP bei freier Atmung im Vergleich zur konventionellen TWIST-Angiographie. Fortschr Röntgenstr 2017;189:S1-S124.
- **Belloni S., Peroni M., Bolsi A., Niemann T., Engelhardt D., Fachouri N., Perrin R., Walser M., Belloni S., Peroni M., Safai S., Fattori G., Perrin R., Walser M., Niemann T., Kubik-Huch RA., Lomax AJ., Weber DC., Bolsi A.:**
 - EP-1674 Experimental investigation of CT imaging approaches to deal with metal artefacts in proton therapy. Radiotherapy and Oncology 2017, 123(Suppl. 1): S912–S913.

Universitäre Lehre

■ Kubik R.:

- Studentenpraktikum Radiodiagnostik: Abdomen/Urogenitaltrakt, Universität Zürich, 16.03.2017.

■ Kubik R., Forte S.:

- Mantelstudium: Mammographie. Kantonsspital Baden, Frühjahressemester 28.02. und 07.03.2017, Herbstsemester 24.10. und 31.10.2017.

■ Kubik R.:

- Bachelor Studiengang Humanmedizin der ETH, Einführungswoche. 18.-22.09.2017 Kantonsspital Baden AG.

■ Niemann T.:

- Vorlesung Radiologische Bildgebung des Herzens I (9.1.5.1). Uni Basel, 24.02.2017.

■ Niemann T.:

- Vorlesung Computertomographie I (41.1.1.1). Uni Basel. 13.03.2017.

■ Niemann T.:

- Vorlesung Computertomographie II (41.1.1.2). Uni Basel. 13.03.2017.

■ Niemann T.:

- Vorlesung Radiologische Bildgebung des Herzens II (9.1.5.6). Uni Basel. 05.04.2017.

■ Niemann T.:

- Praktische Übungen Radiologie. Uni Basel. 15.08.2017.

■ Niemann T.:

- Vorlesung Kardiale Pathologien im Thoraxbild (21.1.7.1). Uni Basel. 18.09.2017.

■ Niemann T.:

- Vorlesung CT und MRI von Herz und Gefässen (21.1.7.2). Uni Basel. 18.09.2017.

■ Niemann T.:

- Praktische Übung: Radiol. Bildanalyse von Herz und Gefässen (21.1.8.2). Uni Basel, 26.09.2017.

■ Niemann T.:

- Praktische Übung: Radiol. Bildanalyse von Herz und Gefässen (21.1.8.2). Uni Basel, 29.09.2017.

■ Niemann T.:

- Praktische Übung: Radiologische Diagnostik pulmonaler Verschattungen (24.1.4.1). Uni Basel, 08.12.2017.

■ Hausmann D.:

- Seminar: Endovaskuläre Therapie. Uni Heidelberg, Fakultät Mannheim. 30.01.2017.

■ Hausmann D.:

- Seminar: Herzbildgebung. Uni Heidelberg, Fakultät Mannheim. 31.01.2017.

- **Hausmann D.:**
 - UaK: Sono 1 + 2. Uni Heidelberg, Fakultät Mannheim. 16.05.2017/03.07.2017.
- **Hausmann D.:**
 - Seminar: Vaskuläre Bildgebung (CTA/MRA). Uni Heidelberg, Fakultät Mannheim. 20.06.2017.
- **Hausmann D.:**
 - Hands-on Herzbildgebung. Uni Heidelberg, Fakultät Mannheim. 21.06.2017/03.07.2017/04.07.2017.
- **Hausmann D.:**
 - UaK: Hands-on Endovaskuläre Intervention. Uni Heidelberg, Fakultät Mannheim. 24.07.2017.
- **Hausmann D.:**
 - UaK: CT I. Uni Heidelberg, Fakultät Mannheim. 29.11.2017 und 30.11.2017.
- **Ahlhelm F:**
 - Bildgebung in Neurologie und Neurochirurgie – Vorlesung mit radiologischen Demonstrationen. USB am 29.9.17.
- **Ahlhelm F:**
 - Röntgenanatomiekurs. USZ am 11.12.2017.

Preise

- **Kaniewska M., Anderson S., Kubik-Huch RA.**
 - Fatty infiltration and muscle strenght of the iliopsoas muscle after proximal femur fracture with dislocation of the lesser trochanter. Posterpreis „Young Researcher Grant“, Jahreskongress der Europäischen Gesellschaft für muskuloskelettale Radiologie (ESSR) 2017.
- **Niemann T., Jerjen I., Hefermehl L., Wang Z., Stampanoni M., Kubik-Huch RA.**
 - Accuracy of in vitro semiautomatic segmentation of urinary stone size in CT compared with manual size estimation in radiographic correlation» was awarded «Honorable Mentions best poster. 24th European Symposium on urogenital radiology. ESUR, Sopot, Poland, 14th-17th September 2017.
- **Kaniewska M.,**
 - What the Radiologist Needs to Know About the Female Genital Organs and Their Suspensory Ligaments: A Pictorial Review. Posterpreis cum laude, RSNA, Chicago, 26.11.- 01.12.2017.

Sonstige Vorträge

■ Ahlhelm F.:

- Spinale Interventionen am Beispiel der periradikulären und epiduralen Therapie sowie Facettengelenkinfiltration. 1. Internsivkurs Muskuloskeletale Radiologie (IMR). Hamburg. 8-9.9.2017 .

■ Stojanovic V., Ahlhelm F.:

- Demenz – Morgenröte sichtbar? Neue Optionen in Diagnostik und Behandlung. Hausarztfortbildung am KSB; 25.9.2017.

■ Forte S:

- Bedeutung der Sonographie im Brustkrebsscreening in der der Schweiz. Dreiländertreffen. Dreiländertreffen Linz, 11. - 13.10.2017.

■ Forte S:

- Klinischer Einsatz der Multimodalen Ultraschalltomographie. Dreiländertreffen Linz, 11. - 13.10.2017

■ Götschi S.:

- CT-Fortgeschrittenenkurs: Klinische Aspekte in der CT. Zürich, 05. Mai 2017.

■ Kubik RA.:

- Die fokale HIFU-Therapie der Prostata: Rolle der Magnetresonanztomographie (MRI). Gesundheitsforum KSB, 31. Januar 2017.

■ Kubik RA:

- MR Bildgebung gynäkologischer Notfälle. MR 2017 Garmisch, Garmisch Partenkirchen, 02. – 04. Februar 2017.

■ Kubik RA.:

- The female pelvis: Chairmen's introduction. ECR 2017, Wien, 01. März 2017.

■ Kubik RA.:

- Moderation: Breast density and background parenchymal enhancement. ECR 2017, Wien, 03. März 2017

■ Kubik RA.:

- MRI for gynaecologic imaging: how I do it. ECR 2017, Wien, 02. März 2017.

■ Kubik RA:

- MRI of the ovaries. School of MRI of the ESMRMB Advanced Breast& Female Pelvis MR. Imaging, Krakau, 28. – 30. September 2017, Krakau.

■ Kubik RA.:

- MR-Kurs Abdomen und Becken, Weibliches Becken und Prostata: Endometriose. Universitätsspital Zürich, 27. Oktober 2017.

- **Kubik RA.:**
 - Radi@logIn: Weibliches Becken: Was möchte der Kliniker vom Radiologen wissen und was kann der Radiologe dem Kliniker bieten. Zürich, 09. November 2017.
- **Lehmann K., Hefermehl L., Hausmann D.:**
 - Fokale HIFU-Therapie der Prostata. Hausarztfortbildung KSB; 29.5.2017.
- **Lülsdorf J.:**
 - MIBB-Interventionsworkshop: MR Vakuumbiopsie - Tipps und Tricks. LUKS Sursee, 24.8.2017
- **Niemann T.:**
 - Grundlagen der muskuloskelettalen Radiologie“. Klinik Barmelweid, 27.01.2017.
- **Niemann T., Rakic J., Gross A., Waibel C.:**
 - Die pulmonale Raumforderung – Von der Früherfassung bis zur Therapie. Hausarztfortbildung KSB, 28.80.2017.
- **Niemann T.:**
 - Röntgenbild des Thorax. Klinik Barmelweid, 01.09.2017.
- **Niemann T.:**
 - Clinical Audits in Radiology – Experiences from the Radiologist. Nationaler Strahlenschutztag Bern, 21.09.2017.
- **Niemann T.:**
 - Pulmonale Pathologien im Thoraxbild. Klinik Barmelweid, 15.12.2017.
- **Anderson S.:**
 - Workshop: Spine Trauma. IDKD Davos, 26. – 30.03.2017.
- **Kaniewska M.:**
 - Invited refresher course lecture: Bone tumor presenting with trauma. European Society of Skeletal Radiology, European Society of Skeletal Radiology, Bari Italy, 15.–17.06.2017.
- **Anderson S.:**
 - MRI Spine Imaging from Infection to Trauma. International Skeletal Society, New York USA, 30.08.–01.09.2017.
- **Anderson S.:**
 - Differentiating MRI Tumor from Pseudotumor. Erasmus MSK, Valencia, Spain, 18.-22.09.2017.
- **Anderson S.:**
 - MRI of the Shoulder. ISS-ROP. International Skeletal Society Regional Outreach Programme, Plotniv, Bulgaria. 28. – 30.09.2017.
- **Anderson S.:**
 - MRI Sports Injury Pelvis and Hip. Bulgarian Biannual Radiology Meeting., Plotniv, Bulgaria, 30.09.2017.

■ Anderson S.:

- Piriformis Syndrome, MRI Infection and Inflammation, Quiz and exam cases for radiology. John Hunter Hospital, Newcastle NSW, Australia, 06.01.2017.

■ Anderson S.:

- Radiology Pannel, historic last Don Resnick. IDKD Davos MSK 2017, 30.03.2017.

Radiologische Weiterbildungen/Konsiliardienst aarReha Schinznach-Bad**■ Dr. Martin Unterweger:**

- 10.01., 14.02., 14.03., 11.04., 09.05.,13.06.,11.07., 08.08., 05.09.,10.10., 14.11.,12.12.2017.

Radiologische Weiterbildungen/Konsiliardienst Klinik Barmelweid**■ PD Dr. Tilo Niemann:**

- 18.01., 08.03., 26.04., 31.05., 05.07., 16.08., 27.09.,08.11.,20.12.2017.

Apotheke

Originalartikel

■ Brühwiler LD., Hersberger KE., Lutters M.:

- Hospital discharge: What are the problems, information needs and objectives of community pharmacists? A mixed method approach. *Pharmacy Practice* 2017 Jul-Sep;15(3):1046.

Abstracts / Kongressbeiträge

■ Brühwiler LD., Haffter S., Böni F., Hersberger KE., Lutters M.:

- Experiences and optimisation strategies of medication supply after hospital discharge. SGAIM- Kongress 2017

■ Brühwiler LD., Belenda C., Wiedemeier P., Lutters M.:

- Pharmazeutische Dienstleistungen: Angebot und Nachfrage steigen, die Bedürfnisse verändern sich. GSASA-Kongress 2017, Sankt Gallen

■ Brühwiler LD., Beeler PE., Böni F., Wiedemeier PG., Hersberger KE., Lutters M.:

- A pragmatic in-hospital service to reduce workload of community pharmacists after discharge: a randomized controlled trial. ESCP Symposium 2017, Heidelberg

Vorträge auf Einladung

■ Lutters M.:

- Top Ten in der Geriatrie. pharmaDavos Kongress, 6.2.2017, Davos

■ Lutters M.:

- Welchen Einfluss haben Medikamente auf die Wundheilung? 7. Hartmann Wundsymposium, 29.06.2017, Hallenstadion Zürich

Pathologie

Originalarbeiten

- **Heubner M., Singer G.:**
 - STIC (Serous Tubal Intraepithelial Carcinoma) – eine beunruhigende Zufallsdiagnose. Frauenheilkunde aktuell. 2017;1:36-39.
- **Ramakrishnan VM., Bossert K., Singer G., Lehmann K., Hefermehl LJ.:**
 - The impact of the 2005 International Society of Urological Pathology Gleason grading consensus on active surveillance for prostate cancer. Cent European J Urol. 2017;70:344-348.
- **Singer G., Güth U.:**
 - Ovarialkarzinome – neue Aspekte in der Histopathologie, Molekularpathologie, Klinik und Therapie. Ther Umsch. 2017;74:181-189.

Publizierte Abstracts

- **Arboleda Clavijo C., Wang Z., Forte S., Singer G., Kubik-Huch R.A., Stampanoni M.:**
 - Assessment of breast lesion malignancy using phase contrast imaging. Swiss Congress of Radiology 2017.
- **Arboleda Clavijo C., Wang Z., Jefimovs K., Forte S., Kubik-Huch R.A., Stampanoni M., Singer G., Stampanoni M.:**
 - A grating-based phase-contrast mammography clinical investigational device. RSNA 2017.

Grants

- **Stampanoni M., Wang Z., Singer G.:**
 - SNF (swiss national science foundation) project: X-ray phase-contrast micro-computed tomography for improved pathology CR23I3_159263 Ab 1.4.2015. Dauer 36 Monate.

Studentenkurse und Vorlesungen an der Universität Basel

- **Singer G., Stadlmann S.:**
 - Histo- und Zytopathologiekurs: Dysplasien und Tumoren der Cervix uteri, 18.1.6.8., Universität Basel, 06.04.2017
- **Singer G., Stadlmann S.:**
 - Histopathologiekurs der Mamma, 18.1.6.4., Universität Basel, 06.04.2017
- **Singer G., Stadlmann S.:**
 - Histopathologiekurs des Corpus uteri und des Ovars, 18.1.1.6., Universität Basel, 07.04.2017

■ Singer G.:

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■ Stadlmann S:

- Total SREP Capital Requirements (TSCR) Themenblock Onkologie I – Prostatakarzinom, Universität Basel, 12.10.2017

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Vorträge

■ Singer G.:

- Flüssigbiopsie liegt der Pathologie im Blut. KSB, 17.5.2017.

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- Biobank – Richtlinien in Zusammenhang mit Forschungsprojekten am Menschen. Arbeitsgemeinschaft Mamma- und Gynäkopathologie der SGPath, Zürich, 2.11.2017.

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■ Kuzmanic B.:

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■ Kuzmanic B.:

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- Diagnostik und PRRT bei neuroendokrinen Tumoren, KSB, 29.06.2017

Fachspezifische Weiterbildungen

■ PD Dr. med. Sylvia Stadlmann:

- TSCR Einschulungskurs, Universität Basel, 03.10.2017
- Symposium Schweizerische Gesellschaft für Pathologie (SGPath), 13.05.2017 und 11.11.2017
- 101. Jahrestagung der Deutschen Gesellschaft für Pathologie (DGP), Erlangen, 22.06.-24.06.2017

■ Prof. Dr. med. Gad Singer:

- Jahreskongress European Society of Pathology (ECP), Amsterdam, 02.09. – 05.09.2017
- Symposium Schweizerische Gesellschaft für Pathologie (SGPath), 13.05.2017 und 11.11.2017
- Workshop Mamma- und Gynäkopathologie SGPath, Zürich, 19.11.2017
- Workshop Eppendorf ep-Motion Schulung, Hamburg, 26.04.2017

■ Dr. med. Boris Kuzmanic:

- Symposium Schweizerische Gesellschaft für Pathologie (SGPath), 13.05.2017 und 10.11-11.11.2017
- Webinar PDL-1 Testung bei NSCLC, 15.01.2017

Betreuung Diplomarbeiten:**■ Singer G.:**

- Klein J. Next Generation Sequencing (NGS) beim Ovarialkarzinom. BMA-Diplomarbeit am Careum Zürich

Physiotherapie

Presentation

- **Wassmer Saeuberli P., Schraknepper A., Eichelberger P., Luginbuehl H., Radlinger L.:**
 - Reflex Activity of Pelvic Floor Muscles during Drop Landings and Mini Trampolining – Exploratory Study. Presentation October 19, 2017, Rehakongress Davos, Switzerland

Abstract

- **Introduction** Complex functional movements like jumping typically provoke stress urinary incontinence (SUI) in women. The aim of this study was to investigate pelvic floor muscle (PFM) activity in young, healthy women during jumps to explore their activity characteristics.
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- **Methods** Surface electromyography (EMG) from PFM was measured in 16 healthy women with a tripolar vaginal probe during drop landings from heights of 15, 30 and 45 cm (DL 15, 30, 45) as well as during mini trampolining with a pace of 90 and 75 jumps per minute (MT 90, 75). Time of foot strike and body weight force (BWF) in % (=ground reaction force, normalized to body weight) was determined by force plates. Root mean square values of the EMG signals were analysed from 30 ms before to 150 ms after foot strike. Peak activity during maximum voluntary contraction (MVC) was set as 100% for EMG normalisation. PFM onset threshold was determined as the mean of rest activity plus 2 standard deviations. Data were analysed with non-parametric statistical methods.
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- **Results** EMG activity during all jumps was above the PFM onset threshold. Mean pre- and reflex activity increased significantly with jumping height ($p < 0.05$) as well as with increasing BWF. PFM activation pattern of DL was with peak activity of 115-182 %MVC between 34 and 44 ms after foot strike, which was different to MT with peak PFM activity of 85-115 %MVC reached at 133 ms.
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- **Conclusion** Jumping and mini trampolining provoked significant PFM activity in healthy volunteers. Next research step will be to examine PFM activity of women suffering from SUI during jumps.
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- **Keywords** Electromyography, ground reaction force, high impact, jump, stress urinary incontinence
- **Summary** Complex functional movements like drop landings and mini trampolining trigger pelvic floor muscle reflex activity in healthy women – an exploratory

electromyography evaluation.