Prof. Dr. med. Andreas Christe

Head of Department of Radiology

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Personal Information:

Date of Birth:	May 7, 1971
Citizenship:	Pleujouse (JU), Switzerland
Marital Status:	Married, 2 children
Phone:	+41 79 6600662
E-Mail:	andreas.christe@insel.ch

Academic History:

01/2024-	Head of Department (Chefarzt) and COO of Department of Diagnostic, Interventional and Pediatric Radiology, Hospital and University of Bern, Inselspital, Switzerland
11/2015-	Associate Professor, University of Bern, Switzerland
04/2015-12/2023	Head of Department (Chefarzt) and managing Co-Director, Radiology, Division City and County Hospitals, **INSEL** GROUP, Bern, Switzerland
12/2014 - 03/2015	Head of Department a.i. (Chefarzt a.i.), Radiology *Spital Netz Bern – Inselspital – Fusion* (SMSB), Bern, Switzerland
04/2014 - 03/2015	Senior Consultant (Leitender Arzt), Department of Diagnostic, Interventional and Pediatric Radiology, Hospital and University of Bern, Inselspital, Switzerland
01/2014-	Board member Lung Cancer Center, Inselspital, University of Bern, Switzerland
01/2013 - 12/2014	Member of the extended chair, Institute of Diagnostic Radiology, University of Bern
06/2012 - 06/2013	Postgraduate course in hospital management, University of Bern, Switzerland
01/2012	Habilitation, University of Bern (Venia docendi in Radiology)
04/2010 - 12/2014	Chief of Body-CT, Department of Diagnostic, Interventional and Pediatric Radiology, Inselspital, University of Bern, Switzerland
12/2009	Huggenberger-Bischoff prize 2009 (Swiss Cancer Research Foundation)
10/2009 - 03/2010	Post-Doc Fellowship, Department of Radiology, Stanford University, Stanford, California, USA. "Gottfried und Julia Bangerter-Rhyner" Grant
04/2008 - 03/2009	Post-Doc Fellowship, Department of Radiology, Stanford University, Stanford, California, USA. Senior Investigator Grant SSMBS (Swiss National Science Foundation)
01/2006 -	Staff Member, Institute of Diagnostic Radiology, Inselspital, University of Bern, Switzerland
12/2005	Doctoral thesis presentation and awarding of doctorate medical degree, University of Bern
03/2005 - 03/2008	Radiology Staff Member, Institute of Forensic Medicine, University of Bern, Switzerland
02/2004	Board certification (FMH) in Radiology, Switzerland
01/2004 - 12/2005	Junior Staff Member, Institute of Diagnostic Radiology, Inselspital, University of Bern
08/2003	Board certification examination (FMH) in Radiology, Geneva Switzerland
04/2002 - 05/2002	Armed Forces Institute of Pathology (AFIP), Radiology Course participation (6 weeks), Walter Reed Army Medical Center, Washington DC, USA
11/1999 - 12/2003	Residency in Radiology, Inselspital, University of Bern, Switzerland
01/1999 - 10/1999	Resident in Pathology, Institute of Pathology, University of Bern (Head of students training)
01/1998 - 05/1998	Military Officer of Swiss Army Medical Corps, Moudon, Switzerland
12/1997	Federal medical examination, University Hospital Bern, Switzerland
11/1991 - 12/1997	Medical studies, University of Bern, Switzerland
1987 - 1990	College (Matura C), Interlaken, Switzerland
1978 - 1986	Primary, secondary school education Unterseen, Switzerland

Public and Professional Service:

2025-	President elect of Swiss board certification examination in Radiology (first part, FMH I)
2024-	Swiss Society of Radiology Representative in the Senate of the Swiss Academy of Medical Sciences (SAMW)
2022/2025	Faculty member of IDKD Diagnostic Imaging Course, Davos, Switzerland
2021-	Executive Committee Member of ESTI (European Society of Thoracic Imaging)
2021-22	Abstract Reviewer Committee of ECR (European Congress of Radiology)
2019-	Co-Chair Swiss expert commission of clinical audits in radiology
2018-	Standing Abstract Reviewer Committee of the Swiss Congress of Radiology
2017-	Section chief Swiss board certification examination in Radiology (first part, FMH)
2017-	Member of Chest-Subcommittee, European Congress of Radiology, Vienne, Austria
2015	Chairman of High-Resolution-CT Masterclass, Bern
2015-	Expert of SAKK Working Group Imaging (Swiss Group for Clinical Cancer Research)
2015-	SGUM-Tutor (Swiss Society of Ultrasonography in Medicine)
2014 - 2015	Representative of non-professorial faculty, Chair of Department of Radiology, Neuroradiology and Nuclear medicine, Inselspital, Hospital and University of Bern, Switzerland
2014-	Expert at Swiss board certification examination (second part, FMH II) in Radiology
2014-	Founding Member of the Swiss Lung Cancer Screening Implementation Group CH-LSIG
05/2013	Member of the Scientific Committee, Annual Congress *ISFRI (International Society of Forensic Radiological Imaging),* Zürich, Switzerland
2013-	Consultant of dissertation commission of Medical Faculty, University of Bern
2013-	Consultant of 3R Research Foundation Switzerland
2013-2020	Posterjury Swiss Congress of Radiology SGR
2012-2018	Editorial board member, *Journal of Forensic Radiology and Imaging*
2012-	Scientific board member of *Funginos* Switzerland
2012	Founding member of *ISFRI (International Society of Forensic Radiological Imaging)*
2012-	Academic coordinator of University lectures in Radiology, University of Bern
2011-2014	Vice representative of non-professorial faculty
2007-	Member of examination board of Swiss board certification examination (FMH) in Radiology
2005 - 2010	Professional expert for degree dissertation at Medical Technician School, University of Bern
2002 - 2004	Teacher of Anatomy at Medical Technician School, Inselspital, University of Bern
2000-	Promotion to First Lieutenant of Swiss Army Medical Corps

Awards/Prizes:

2022	**JVIR journal award**: second most read article in *Journal of vascular and interventional radiology (2022)*: Misura, Tihana; Drakopoulos, Dionysios; Mitrakovic, Milena; Lönnfors, Tarja; Primetis, Elias; Hoppe, Hanno; Obmann, Verena C; Huber, Adrian T; Ebner, Lukas; **Christe, Andreas** (2022). Avoiding the Intercostal Arteries in Percutaneous Thoracic Interventions. Journal of vascular and interventional radiology, 33(4), 416-419.e2
2022	**IR Journal award**: top 10 cited papers for *Investigative Radiology* 2019-2022: **Christe A**, Peters AA, Drakopoulos D, Heverhagen JT, Geiser T, Stathopoulou T, Christodoulidis S, Anthimopoulos M, Mougiakakou SG, Ebner L. Computer-Aided Diagnosis of Pulmonary Fibrosis Using Deep Learning and CT Images. Invest Radiol. 2019 Oct;54(10):627-632.
2021	**Swiss Congress of Radiology, Best Scientific Poster** - summa cum laude- Nyilas S, Bauman G, Korten I, Pusterla O, Singer F, Ith M, Groen C, Schöni A, Heverhagen J, **Christe A**, Rodondi N, Bieri O, Geiser T, Auer R, Funke-Chambour M, Ebner L. *Short-Term Effect of E-Cigarette and Tobacco Smoke on Ventilation and Perfusion in the Lung: Assessment With Functional MRI and Lung Function Measurements*
2021	**Trainee Research Prize** Radiological Society of North America (RSNA): Nyilas S, Bauman G, Korten I, Pusterla O, Singer F, Ith M, Groen C, Schöni A, Heverhagen J, **Christe A**, Rodondi N, Bieri O, Geiser T, Auer R, Funke-Chambour M, Ebner L. Short-Term Effect of E-Cigarette and Tobacco Smoke on Ventilation and Perfusion in the Lung: Assessment With Functional MRI and Lung Function Measurements
2017	**Innovation prize**, scientific symposium DIPR, University of Bern, Switzerland
2017	**Best free communication award**. Christodoulidis S, Anthimopoulos M, Ebner L, **Christe A** Mougiakakou S. *Lung Pattern Classification for Interstitial Lung Diseases (Deep Convolutional Neural Network)*. The 3rd annual meeting for SMARTCATs COST Action CM1404 Prague 2017.
2016	**Best Poster Awardee**, 3th World Congress on Hepatitis, Dubai, UAE
2014	**Science award** of the Department of Radiology DIPR, Bern, Switzerland
2009	**Huggenberger-Bischoff prize** (Swiss Cancer Research Foundation)

Supervision of Dissertation at University of Bern:

Jaled Charimo Torrente	CT screening and follow up of lung nodules: impact of CT-tube current and nodule characteristics on sensitivity and volume measurement of lung nodules, 2010
Lars Leidolt	Lung cancer screening with CT: evaluation of radiologists and different computer assisted detection software (CAD) as first and second readers for lung nodule detection at different dose levels, 2013
Sara Pistorius	Analysis of pneumatization and neurovascular structures of the sphenoid sinus using cone-beam tomography (CBT), 2013
Felix Knoblauch	Feasible dose reduction in routine chest computed tomography maintaining constant image quality using the last three scanner generations: from filtered back projection to sinogram-affirmed iterative reconstruction and impact of the novel fully integrated detector design minimizing electronic noise, 2014
Yanik Bütikofer	Lung Nodule detection by Micro-dose -CT vs (standard and dual-energy subtracted) Chest Radiograph, 2014
Frederick Schuster	CT arterial enhancement fraction (AEF) for hepatocellular carcinoma screening in patients with end-stage liver cirrhosis, 2015
Moritz Steib	Computed tomography imaging for the characterisation of drugs with radiation density measurements and HU spectroscopy, 2017
Laura Loebelenz	Kerley B lines in the lung apex - a distinct CT sign for pulmonary congestion, 2019
Alexandrine Bähler	Identification of ureteral stones at reduced radiation exposure: a pilot study comparing conventional versus digital low-dosage linear slot scanning (Lodox®) radiography, 2020
Ahmed Maher	Detection of Pulmonary Embolism on CT-Angiography Using Contrast Attenuation of Pulmonary Veins, 2020/2021
Dorothee Hausmann	Detection of Pulmonary Embolism on CT-Angiography Using Contrast Attenuation of Pulmonary Veins, 2020/2021
Jacqueline Arcon	Correlation of gastrointestinal perforation location and amount of free air and ascites on CT imaging, 2021
Tihana Misura	Avoiding the intercostal arteries in percutaneous thoracic interventions 2021
Mostafa El-Ashmawy	Comparison of the quality of two different CT scanners for neck imaging, 2022

Manuscript reviewer:

2021-	*-Journal of Nephrology*
2019-	*-Investigative Radiology*
2017-	*-Frontiers of Medicine*
2016-	*- PLOS ONE*
	- Digestive Surgery
2014/2015-	*- Scientific Reports* published by *Nature*
	- IEEE Journal of Translational Engineering in Health and Medicine
	- The Journal of Rheumatology
	- British Journal of Radiology
	- Academic Radiology
	- Forensic Science, Medicine and Pathology
	- JMRI Journal of Magnetic Resonance Imaging
	-Clinical Neuroradiology
2012-	*-Forensic Science International*
	-Clinical imaging
	-European Journal of Radiology
2010-	*-European Radiology*
	-American Journal of Neuroradiology (AJNR)
	-Acta Radiologica

Societies, Memberships

Swiss Society of Radiology (SGR-SSR)
European Society of Radiology (ESR)
European Society of Thoracic Imaging (ESTI)
Swiss Medical Association (FMH)
Swiss Society of Ultrasonography in Medicine (SGUM)
International Society of Forensic Radiological Imaging (ISFRI)

Grants: Total 4'056.2 T CHF

*main applicant, ** co-applicant, $^\Delta$project partner

Project funding (3'437.3 T CHF):

2025-2029	****Swiss National Science Foundation (SNSF, under evaluation) EMPASTONE:** Randomized placebo-controlled trial to assess efficacies of EMPAgliflozin and personalized dietary counseling for kidney STONE prevention in patients with calcium kidney stones.
2024-2028	$^\Delta$**Swiss National Science Foundation (SNSF, No. 10003604):** REPORT-IT - Advancing Liver Parenchyma and HCC Reporting and Classification through Multiparametric MRI and Visual Language Models
2021-2023	****Campus Lindenhof (21-02_IIT)** AI-based Automated Diagnosis, Assessment and Prognosis of COVID-19 Infections
2019-2024	$^\Delta$**Swiss National Science Foundation (SNSF, No. 188591): MAPIT** – MAgnetic resonance (MR) relaxometry for extracellular volume (ECV) mapPIng combined with elastography for noninvasive characterization of diffuse liver disease
2017-2018	****Foundation Lindenhof:** Translation of a computer-aided diagnosis system for ILDs to clinical practice by **Project INTACT – INT**erstitial pneumonia pattern **A**nalysis for **C**ompu**T**er-aided diagnosis
2014	***Swiss National Science Foundation (SNSF, No. 157744): R'Equip - Magnetic Resonance (MR) - Elastography for Characterization of Liver Disease**
2014 -2018	***Swiss National Science Foundation (SNSF, No. 15611): Project INTACT – INT**erstitial pneumonia pattern **A**nalysis for **C**ompu**T**er-aided diagnosis
2014	***Swiss HIV Cohort Study (SHCS)** sponsored by the **Swiss National Science Foundation:** Variation of CT-patterns of Pneumocystis jirovecii pneumonia (PCP) in HIV-infected individuals and kidney transplant recipients I.
2014	***Swiss Transplant Cohort Study (STCS)** sponsored by the **Swiss National Science Foundation:** Variation of CT-patterns of Pneumocystis jirovecii pneumonia (PCP) in HIV-infected individuals and kidney transplant recipients II.
2011	***Bernese Cancer League, Swisslife, Swiss Foundation "Fight Against Cancer"**: Optimal low-dose levels in Chest-Computed-Tomography (CT) for minimal patient radiation and unimpaired detection of lung nodules and nodule volume measurement
2010	***Jubilee Foundation Swisslife, Jubilee Foundation Mobiliar**. Accurate low dose levels in Chest-Computed-Tomography (CT) for patients with recurrent lung pathologies

Industry funding (505.5 T CHF):

2020-2025	***Bracco Suisse S.A - Research Grant:** MR-Protocoll optimization (Gadoteridol)
2022-2023	***Bracco Suisse S.A., Fumedica AG, Boehringer Ingelheim GmbH – Development Grant II:** interventional radiology application
2021	***Bayer HealthCare – Development Grant I:** interventional radiology application
2018	***Roche Pharma (Schweiz) AG – Research Grant:** A.I. classification of pulmonary fibrosis
2017	***Roche Pharma (Schweiz) AG – Research Grant:** Patterns of pulmonary fibrosis II (transfer learning)
2015	***Roche Pharma (Schweiz) AG – Research Grant:** Patterns of pulmonary fibrosis (automatic detection)
2014	***Philips AG Healthcare,** IntelliSpace Portal DX (loan)**:** Lung nodule detection in lung cancer screening
2013	***Siemens Healthcare,** CT Arterial Enhancement Fraction, AEF Syngo.via (loan): HCC detection in liver cirrhosis
2013	***Siemens AG, Philips, Bracco AG, Guerbet AG, Bayer HealthCare, SMD MedicalTrade Gmbh.** Lung Cancer Screening project
2009	***Guerbet AG, Bayer Schering**: CT patterns: Comparison of Standard-Dose (150 mAs) and Low Dose CT (40 mAs)
2008	***GE Healthcare, Guerbet AG**: CT patterns of fungal pulmonary infections of the lung: comparison of standard-dose and simulated low-dose CT

Personal funding (113.4 T CHF):

2010	***Huggenberger-Bischoff prize (Swiss Cancer Research Foundation):** CT patterns: Comparison of Standard-Dose (150 mAs) and Low Dose CT (40 mAs)
2009	***"Gottfried und Julia Bangerter-Rhyner" Grant**: Chest CT patterns at low dose level.
2008	***SSMBS, Senior Investigator Grant (Swiss National Science Foundation):** CT patterns of the lung: low-dose CT.

| Apps/Patents | Biopsy Guide Application (Apple and Android App). Content and Copyright by **Christe A** and Skyscraper Software 2022 |

List of publications Prof. Dr. med. Andreas Christe

Publication impact:

H-Index: 41; citations: 6930

Relative Citation Ratio (RCR):
MAX   MEAN   Weighted RCR
18.90   1.51±0.23   196.91

ORCID ID: 0000-0002-2355-2591

Research Gate Interest Score: 2859

PubMed: https://www.ncbi.nlm.nih.gov/pubmed/?term=christe+a

Original Research (peer reviewed):

1   **Christe A**, Roth B, Fuster DG, Shakarchi K, Dionysios D, Elias P, Delimpasis G, Huber AT, Obmann VC, Peters AA, Ebner L, Cereghetti GM. Partial volume effects on kidney stones and lung nodules. Submitted to PloS One 2024

2   Klaus JB, Goerke U, Klarhöfer M, Keerthivasan MB, Jung B, Berzigotti A, Ebner L, Roos J, **Christe A**, Obmann VC, Huber AT. MRI Dixon Fat-Corrected Look-Locker T1 Mapping for Quantification of Liver Fibrosis and Inflammation-A Comparison With the Non-Fat-Corrected Shortened Modified Look-Locker Inversion Recovery Technique. Invest Radiol. 2024 Nov 1;59(11):754-760. doi: 10.1097/RLI.0000000000001084. PMID: 39514773; PMCID: PMC11462899.

3   Peters AA, Wiescholek N, Müller M, Klaus J, Strodka F, Macek A, Primetis E, Drakopoulos D, Huber AT, Obmann VC, Ruder TD, Roos JE, Heverhagen JT, **Christe A**, Ebner L. Impact of artificial intelligence assistance on pulmonary nodule detection and localization in chest CT: a comparative study among radiologists of varying experience levels. Sci Rep. 2024 Sep 28;14(1):22447. doi: 10.1038/s41598-024-73435-3. PMID: 39341945; PMCID: PMC11439040.

4   Catucci D, Hrycyk J, Lange NF, Obmann VC, Berzigotti A, Brönnimann MP, Zbinden L, Fischer K, Guensch DP, Ebner L, Roos J, **Christe A**, Huber AT. Liver segmental volumes and their relationship with 5-year prognostication. Abdom Radiol (NY). 2024 Sep 10. doi: 10.1007/s00261-024-04552-w. Epub ahead of print. PMID: 39254712

5   Peters AA, Munz J, Klaus JB, Macek A, Huber AT, Obmann VC, Alsaihati N, Samei E, Valenzuela W, **Christe A**, Heverhagen JT, Solomon JB, Ebner L. Impact of Simulated Reduced-Dose Chest CT on Diagnosing Pulmonary T1 Tumors and Patient Management. Diagnostics (Basel). 2024 Jul 23;14(15):1586. doi: 10.3390/diagnostics14151586. PMID: 39125461; PMCID: PMC11311729.

6   Stritt K, Fuster DG, Dhayat NA, Bonny O, Faller N, **Christe A**, Taha A, Ochs V, Ortlieb N, Roth B. Risk factors for asymptomatic kidney stone passage in adults with recurrent kidney stones. Clin J Am Soc Nephrol. 2024 Jul 19. doi: 10.2215/CJN.0000000000000496. Online ahead of print

7   Brönnimann MP, **Christe A**, Heverhagen JT, Gebauer B, Auer TA, Schnapauff D, Collettini F, Schroeder C, Dorn P, Ebner L, Huber AT. Pneumothorax risk reduction during CT-guided lung biopsy - Effect of fluid application to the pleura before lung puncture and the gravitational effect of pleural pressure. Eur J Radiol. 2024 Jul;176:111529

8   Fontanellaz M*, **Christe A***, Christodoulidis S, Dack E, Roos J, Drakopoulos D, Sieron D, Peters A, Geiser T, Funke-Chambour M, Heverhagen J, Hoppe H, Exadaktylos AK, Ebner L, Mougiakakou S. Computer-aided Diagnosis System for Lung Fibrosis: from the Effect of Radiomic Features and Multi-layer-perceptron Mixers to Pre-clinical Evaluation. IEEE ACCESS.2024.3350430*** shared first author**

9   Obmann VC, Catucci D, Berzigotti A, Gräni C, Ebner L, Heverhagen JT, **Christe A**, Huber AT. MRI extracellular volume fraction in liver fibrosis – a comparison of different time points and blood pool measurements. J Magn Reson Imaging. 2024 Oct;60(4):1678-1688. doi: 10.1002/jmri.29259.

10   Szyluk K, Bubnov R, Jarosz A, Reguła R, Grabowski P, Iwanicka J, Iwanicki T, Gierek M, Sieroń D, **Christe A**, Niemiec P. The Impact of Blood Morphological Parameters on Treatment Outcomes in Tennis Elbow Patients Receiving Platelet-Rich Plasma (PRP) Therapy: A Prospective Study. J Clin Med. 2023 Dec 22;13(1):77. doi:

10.3390/jcm13010077. PMID: 38202084; PMCID: PMC10780100.

11   Hoppe H, Hirschle D, Schumacher MC, Schönhofen H, Glenck M, Kalka C, Willenberg T, Sixt S, Müller D, Gutzeit A, **Christe A**, Mohan V, Diehm N. Erectile dysfunction: role of computed tomography cavernosography in the diagnosis and treatment planning of venous leak. CVIR Endovasc. 2023 Nov 17;6(1):56. doi: 10.1186/s42155-023-00403-9. PMID: 37975993; PMCID: PMC10656380.

12   Peters AA, Solomon JB, von Stackelberg O, Samei E, Alsaihati N, Valenzuela W, Debic M, Heidt C, Huber AT, **Christe A**, Heverhagen JT, Kauczor HU, Heussel CP, Ebner L, Wielpütz MO. Influence of CT dose reduction on AI-driven malignancy estimation of incidental pulmonary nodules. Eur Radiol. 2024 May;34(5):3444-3452. doi: 10.1007/s00330-023-10348-1. Epub 2023 Oct 23.

13   Zbinden L, Catucci D, Suter Y, Hulbert L, Berzigotti A, Brönnimann M, Ebner L, **Christe A**, Obmann VC, Sznitman R, Huber AT. Automated liver segmental volume ratio quantification on non-contrast T1-Vibe Dixon liver MRI using deep learning. Eur J Radiol. 2023 Oct;167:111047

14   Dhayat NA, Bonny O, Roth B, **Christe A**, Ritter A, Mohebbi N, Faller N, Pellegrini L, Bedino G, Venzin RM, Grosse P, Hüsler C, Koneth I, Bucher C, Del Giorno R, Gabutti L, Mayr M, Odermatt U, Buchkremer F, Ernandez T, Stoermann-Chopard C, Teta D, Vogt B, Roumet M, Tamò L, Cereghetti G, Trelle S, Fuster DG. Hydrochlorothiazide and Prevention of Kidney Stone Recurrence. N Engl J Med. 2023 Mar 2;388(9):781-791

15   Peters AA, **Christe A**, von Stackelberg O, Pohl M, Kauczor HU, Heußel CP, Wielpütz MO, Ebner L. "Will I change nodule management recommendations if I change my CAD system?"-impact of volumetric deviation between different CAD systems on lesion management. Eur Radiol. 2023 Aug;33(8):5568-5577

16   Lenoir A, **Christe A**, Ebner L, Beigelman-Aubry C, Bridevaux PO, Brutsche M, Clarenbach C, Erkosar B, Garzoni C, Geiser T, Guler SA, Heg D, Lador F, Mancinetti M, Ott S, Piquilloud L, Prella M, Que YA, von Garnier C, Funke-Chambour M. Pulmonary recovery 12 months after non-severe and severe COVID-19: The prospective Swiss COVID-19 lung study. Respiration. 2023;102(2):120-133

17   Peters AA, Wagner B, Spano G, Haupt F, Ebner L, Kunze KP, Schmidt M, Neji R, Botnar R, Prieto C, Jung B, **Christe A**, Gräni C, Huber AT. Myocardial scar detection in free-breathing Dixon-based fat- and water-separated 3D inversion recovery late-gadolinium enhancement whole heart MRI. Int J Cardiovasc Imaging. 2023 Jan;39(1):135-144

18   Primetis E, Drakopoulos D, Sieroń D, Meusburger H, Szyluk K, Niemiec P, Obmann VC, Peters AA, Huber AT, Ebner L, Delimpasis G, **Christe A**. Knee diameter and cross-sectional area as biomarkers for cartilage knee degeneration on MR images. Medicina (Kaunas). 2022 Dec 23;59(1):27

19   Zbinden L, Catucci D, Suter Y, Berzigotti A, Ebner L, **Christe A**, Obmann VC, Sznitman R, Huber AT. Convolutional neural network for automated segmentation of the liver and its vessels on non-contrast T1 vibe Dixon acquisitions. Sci Rep. 2022 Dec 21;12(1):22059.

20   Peters AA, Weinheimer O, von Stackelberg O, Kroschke J, Piskorski L, Debic M, Schlamp K, Welzel L, Pohl M, **Christe A**, Ebner L, Kauczor HU, Heußel CP, Wielpütz MO. Quantitative CT analysis of lung parenchyma to improve malignancy risk estimation in incidental pulmonary nodules. Eur Radiol. 2023 Jun;33(6):3908-3917. doi: 10.1007/s00330-022-09334-w. Epub 2022 Dec 20. PMID: 36538071

21   Sieroń D, Jabłońska I, Niemiec P, Lukoszek D, Szyluk K, Platzek I, Meusburger H, Delimpasis G, **Christe A**. Correlation of Patellofemoral Chondromalacia and Body Mass Index (BMI) in Relation to Sex and Age Analysis of 1.5T and 3.0T Magnetic Resonance (MR) Images Using the Outerbridge Scale. Med Sci Monit. 2022 Dec 17;28:e937246.

22   Sieroń D, Jabłońska I, Niemiec P, Lukoszek D, Szyluk K, Platzek I, Meusburger H, Delimpasis G, **Christe A**. Relationship between Outerbridge Scale and Chondropathy Femorotibial Joint in Relation to Gender and Age-The Use of 1.5T and 3.0T MRI Scanners. Medicina (Kaunas). 2022 Nov 12;58(11):1634.

23   Peters AA, Wagner B, Spano G, Haupt F, Ebner L, Kunze KP, Schmidt M, Neji R, Botnar R, Prieto C, Jung B, **Christe A**, Gräni C, Huber AT. Myocardial scar detection in free-breathing Dixon-based fat-and water-separated 3D inversion recovery late-gadolinium enhancement whole heart MRI. Int J Cardiovasc Imaging. 2023 Jan;39(1):135-144. doi: 10.1007/s10554-022-02701-0. Epub 2022 Aug 23. PMID: 36598693

24   Szyluk K, Niemiec P, Sieroń D, Lukoszek D, Gierek M, Lorek A, **Christe A**. Shoulder Dislocation Incidence and Risk Factors-Rural vs. Urban Populations of Poland. Int J Environ Res Public Health. 2022 Sep 20;19(19):11857.

25   Sieroń D, Jabłońska I, Lukoszek D, Szyluk K, Meusburger H, Delimpasis G, Kostrzewa M, Platzek I, **Christe A**. Knee Diameter and Cross-Section Area Measurements in MRI as New Promising Methods of Chondromalacia Diagnosis-Pilot Study. Medicina (Kaunas). 2022 Aug 23;58(9):1142.

26   Klaus JB, Christodoulidis S, Peters AA, Hourscht C, Loebelenz LI, Munz J, Schroeder C, Sieron D, Drakopoulos D, Stadler S, Heverhagen JT, Prosch H, Huber A, Pohl M, Mougiakakou SG, **Christe A**, Ebner L. Influence of Lung Reconstruction Algorithms on Interstitial Lung Pattern Recognition on CT. Rofo. 2023 Jan;195(1):47-54. doi: 10.1055/a-1901-7814. Epub 2022 Sep 6. PMID: 36067777

27   Nevesny F, Rotzinger DC, Sauter AW, Loebelenz LI, Schmuelling L, Alkadhi H, Ebner L, **Christe A**, Platon A, Poletti PA, Qanadli SD. Acute Pulmonary Embolism in COVID-19: A Potential Connection between Venous Congestion and Thrombus Distribution. Biomedicines. 2022 Jun 2;10(6):1300.

28   Drakopoulos D, El-Ashmawy M, Ebner L, Obmann V, Peters AA, Sieron D, Szyluk K, Huber AT, **Christe A**. Comparison of the neck image quality of two different CT scanners. Hellenic Journal of Radiology. 2022,7(3):2-9.

29   Jungblut L, von Garnier C, Puhan M, Tomonaga Y, Kaufmann C, Azzola A, Bürgi U, Bremerich J, Brutsche M, **Christe A**, Ebner L, Heverhagen JT, Eich C, Franzen D, Schmitt-Opitz I, Schneiter D, Spieldenner J, Horwath N, Kohler M, Weder W, Lovis A, Meuli R, Menig M, Beigelmann-Aubry C, Niemann T, Stöhr S, Vock P, Senn O, Neuner-Jehle S, Selby K, Laures S, Ott S, Frauenfelder T. The Swiss Approach - feasibility of a national low-dose CT lung cancer screening program. Swiss Med Wkly. 2022 Apr 14;152(15-16)

30   Nyilas S, Bauman G, Korten I, Pusterla O, Singer F, Ith M, Groen C, Schoeni A, Heverhagen JT, **Christe A**, Rodondi N, Bieri O, Geiser T, Auer R, Funke-Chambour M, Ebner L. MRI Shows Lung Perfusion Changes after Vaping and Smoking. Radiology. 2022 Jul;304(1):195-204

31   Misura T, Drakopoulos D, Mitrakovic M, Loennfors T, Primetis E, Hoppe H, Obmann VC, Huber AT, Ebner L, **Christe A**. Avoiding the Intercostal Arteries in Percutaneous Thoracic Interventions. J Vasc Interv Radiol. 2022 Apr;33(4):416-419.

32   Obmann VC, Catucci D, Berzigotti A, Gräni C, Ebner L, Heverhagen JT, **Christe A**, Huber AT. T1 reduction rate with Gd-EOB-DTPA determines liver function on both 1.5 T and 3 T MRI. Sci Rep. 2022 Mar 18;12(1):4716

33   Peters AA, Huber AT, Obmann VC, Heverhagen JT, **Christe A**, Ebner L. Diagnostic validation of a deep learning nodule detection algorithm in low-dose chest CT: determination of optimized dose thresholds in a virtual screening scenario. Eur Radiol. 2022 Jun;32(6):4324-4332.

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1   Tomforde M, Kupsch H, **Christe A**, Sturzenegger M, Essig M. Aortic compression of the esophagus: A case report and literature review. Acta Radiol Open. 2021 Sep 28;10(9):20584601211043256

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Book Chapters:

1	**Christe A,** Heverhagen J, Dominik S. "Diagnostic Imaging and Radiology in Physiotherapy". Unabridged edition, Cambridge Scholars Publishing 2019, 978-1-5275-3753-8 (ISBN)

2	**Christe A.** Pulmonary Embolism in SURFmed, Furger P, 2015 Edition

3	Anthimopoulos M, Christodoulidis S, **Christe A**, Mougiakakou S. **"**Computer-aided diagnosis of interstitial lung diseases based on CT image analysis", Computational Optical Biomedical Spectroscopy and Imaging, first edition; Taylor & Francis Group, LLC 2014

4	**Christe A**. "Bildgebung beim Hepatozellulären Karzinom HCC (Computertomographie)" in Targeted Therapy des hepatozellulären Karzinoms (HCC), Dufour JF; UNI-MED Verlag AG, Bremen 2014

5	Flach P, Ross S, **Christe A**, Thali MJ. "Clinical and forensic radiology are not the same", Brogdon's forensic radiology, second edition, VII; 23. Taylor & France Group, LLC 2010

6	Spendlove D, **Christe A**, Thali MJ, "Brain imaging postmortem", The Virtopsy Approach: 3D Optical and Radiological Scanning and Reconstruction in Forensic medicine. Tayler & Francis Group, CRC, 2009

7	**Christe A**, Thali MJ, Vock P. "Drowning-post-mortem imaging findings", The Virtopsy Approach: 3D Optical and Radiological Scanning and Reconstruction in Forensic medicine. Tayler & Francis Group, CRC, 2009

Abstracts / Invited Lectures:

1	**Christe A**. Airways / Inhalational Lung Disease (Workshop). 55th IDKD Davos: Diseases of the Chest, Heart and Vascular System. IDKD - International Diagnostics Course Davos, Switzerland, 2025

2	**Christe A**. Lung Cancer Screening: Current radiological guidelines for assessment, Swiss Congress of Radiology (SCR'24). Geneva. June 2024

3	Peters, Alan Arthur; Wiescholek, Nina; Klaus, J; Strodka, Felix; Macek, Aljosa; Primetis, Elias; Drakopoulos, Dionysios; Heverhagen, Johannes; **Christe, Andreas**; Ebner, Lukas (Juni 2024). Comparison of deep learning-based CAD systems regarding pulmonary nodule detection, localization and classification: A multi-reader study (Unveröffentlicht). Accepted in: Swiss Congress of Radiology (SCR'24). Geneva. June 2024

4	Peters, Alan Arthur; Solomon, Justin B.; von Stackelberg, Oyunbileg; Samei, Ehsan; Alsaihati, Njood; Valenzuela, Waldo Enrique; Debic, Manuel; Heidt, Christian; Huber, Adrian Thomas; **Christe, Andreas**; Heverhagen, Johannes; Kauczor, Hans-Ulrich; Heussel, Claus P.; Ebner, Lukas; Wielpütz, Mark O. (Juni 2024). Influence of CT dose reduction on AI-driven malignancy estimation of incidental pulmonary nodules (Unveröffentlicht). Accepted in: Swiss Congress of Radiology (SCR'24). Geneva. June 2024.

5	**Christe A**. CT imaging of common infectious diseases. ECR Vienna, March 2024

6	**Christe A**. HRCT-Masterclass: Reticulation pattern USZ, Zurich, Switzerland Feb 2024

7	Misura, Tihana; Drakopoulos, Dionysios; Mitrakovic, Milena; Lönnfors, Tarja; Primetis, Elias; Hoppe, Hanno; Obmann, Verena C; Huber, Adrian T; Ebner, Lukas; **Christe, Andreas**. Avoiding the Intercostal Arteries in Percutaneous Thoracic Interventions. Swiss Congress of Radiology (SCR). Davos. June 2023

8	Ardoino, Marie; Obmann, Verena Carola; Zbinden, Lukas; Klaus, Jeremias Bendicht; Peters, Alan Arthur; Catucci, Damiano Livio Aldo; Ebner, Lukas; **Christe, Andreas**; Huber, Adrian Thomas. Association of MRI-derived segmental nonfunctional liver volume and chronic liver disease. European Congress of Radiology, March 2023

9	Huber, Adrian Thomas; Todorski, Inga Almut Senta; Wagner, Benedikt; Yacob, N; Boscolo Berto, Martina; Spano, Giancarlo; Peters, Alan Arthur; Obmann, Verena Carola; Ebner, Lukas; **Christe, Andreas**; Christoph, G; Sidler, D.

Living kidney donor evaluation and coronary risk assessment with low radiation dose computed tomography as a one stop shop examination. European Congress of Radiology, March 2023. Vienna. March 2023.

10   Zbinden, Lukas; Catucci, Damiano Livio Aldo; Hulbert, LA; Brönnimann, Michael; Ebner, Lukas; Christe, Andreas; Obmann, Verena Carola; Sznitman, Raphael; Huber, Adrian Thomas; Huber, Adrian Thomas (Juni 2023). Automated T1 Mapping Quantification Of The Liver With Deep-learning Based 3D T1 Vibe Dixon Liver Parenchyma Segmentation And AffineTransformation With Voxel-wise Co-registration. In: European Society of Gastrointestinal and Abdominal Radiology (ESGAR), 2023. Valencia. June 2023

11   Obmann, Verena Carola; Erb, S; Catucci, Damiano Livio Aldo; Ardoino, Marie; Ebner, Lukas; Heverhagen, Johannes; Christe, Andreas; Huber, Adrian Thomas (2023). T1 And T2 Parametric Mapping To Characterize Patients With Primary Sclerosing Cholangitis Using Non-invasing Liver MRI. European Society of Gastrointestinal and Abdominal Radiology (ESGAR), 2023. Valencia. June 2023.

12   Peters, AA; Christe, A; von Stackelberg, O; Pohl, M; Kauczor, H.-U; Heussel, CP; Wielpütz, MO; Ebner, L (2023). Will I change nodule management recommendations if I change my CAD system?"Volumetry of artificial pulmonary nodules by different CAD systems. Swiss Congress of Radiology (SCR), 2023. Davos. June 2023.

13   Peters, AA; Munz, JM; Klaus, JB; Macek, A; Christe, A; Huber, AT; Alsaihati, N; Samei, E; Heverhagen, J; Solomon, JB; Ebner, L (2023). Performance of Ultra-Low Dose CT in confirmed T1-Tumors of the Lung: Evaluation of Simulated Ultra-Low Dose CT Images. Swiss Congress of Radiology (SCR), Davos. June 2023.

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15   Peters AA, **Christe A**, von Stackelberg O, Pohl M, Kauczor HU, Heussel CP, Wielpütz MO, Ebner L. Will I change nodule management recommendations if I change my CAD system?-Volumetry of artificial pulmonary nodules by different CAD systems. RSNA Radiological Society of North America Annual Meeting, Chicago, USA, 2022

16   Peters AA, Bartkowiak J, Seitz R, Wagner B, Spano G, **Christe A**, et al. Liver T1 mapping to quantify heart failure in patients undergoing cardiac MRI: Determination of optimized dose thresholds in a virtual screening scenario. Swiss Congress of Radiology SCR, Fribourg, Switzerland, 2022

17   Drakopoulos D, Arcon J, Freitag P, El-Ashmawy M, Lourens S, Beldi G, Obmann VC, Ebner L, Huber AT, **Christe A.** Correlation of gastrointestinal perforation location and amount of free air and ascites on CT imaging. Swiss Congress of Radiology SCR, Fribourg, Switzerland, 2022

18   Zbinden L, Catucci D, Suter, YR, Berzigotti A, Ebner L, **Christe A**, Obmann VC, Sznitman R, Huber AT. Automated liver segmental volume ratio (LSVR) quantification on non-contrast T1 vibe dixon liver MRI using an artificial neural network. In: ESGAR, Lisbon, 2022

19   **Christe A,** Thoraxbildgebung**,** LENKER WOCHE, Saanenmöser, 2022

20   **Christe A,** Pulmonary Embolism**,** Fundamentals in Imaging, 52nd IDKD, Davos, Switzerland 2022

21   Zbinden L, Catucci D, Suter, YR, Berzigotti A, Ebner L, **Christe A**, Obmann VC, Sznitman R, Huber AT. Effectiveness of a state-of-the art neural network for liver parenchyma, portal and hepatic vein segmentation based on a standard non-contrast T1-vibe Dixon sequence. European Congress of Radiology, Vienna, Austria, 2022

22   Sulewski A, Sieroń D, Szyluk K, Dąbrowski M, Kubaszewski Ł, **Christe A**. Avascular Necrosis Bone Complication after Active COVID-19 Infection: Preliminary Results. ECR, Vienna, Austria, 2022

23   Obmann VC, Klaus JB, Berzigotti A, Peters AA, Catucci D, Ebner L, Gräni C, **Christe A**, Huber ATMRI extracellular volume fraction in liver fibrosis: a comparison of different blood pool measurements with MR elastography and histology. European Congress of Radiology, Vienna, Austria, 2022

24   **Christe A.** Usefulness of tomography in the diagnosis and prognosis of patients with COVID-19 in Lungs. 28th International Conference on Cardiology, Zabrze, Poland, 2021

25   **Christe A**, Misura Zvonarevic T, Drakopoulos D, Mitrakovic M, Loennfors T, Primetis E, Ebner L. Determining Safe Locations for Percutaneous Lung Interventions (Avoiding Intercostal Arteries). American Thoracic Society ATS, international Conference, San Diego, CA, USA, 2021 (virtual congress due to Coronavirus)

26   **Christe A,** Fontanellaz M, Ebner L, Mougiakakou S,. A Deep-Learning Diagnostic Support System for the Detection of COVID-19 Using Chest Radiographs. Society of Thoracic Radiology STR, Annual Meeting, Las Vegas, 2021

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27   Obmann VC, Catucci D, Berzigotti A, Gräni C, Ebner L, Heverhagen J, Christe A, Huber AT. T1 reduction rate with Gd-EOB-DTPA for liver function mapping in MRI: Comparison between 1.5 T and 3T in a cross-sectional comparative study. ECR, Vienna, Austria, 2021

28   Hrycyk J, Obmann VC, Marx CL, Kadji W, Catucci, D, Berzigotti A, Ebner L, **Christe A,** Huber AT. Liver vein to cava attenuation: a simple parameter to increase predictive value of caudate-right lobe ratio and liver segmental volume ratio to detect significant liver fibrosis on abdominal CT scans. ECR, Vienna, Austria, 2020 (virtual congress due to Coronavirus)

29   Obmann VC, **Christe A,** Berzigotti A, Heverhagen J, Ebner L, Gräni C, Huber AT. T1 relaxation times of the liver and spleen to predict significant liver fibrosis - is there an additional value of normalization to blood pool? ECR 2020. Vienna, Austria 2020 (virtual congress due to Coronavirus)

30   Catucci D, Obmann VC, Berzigotti A, Hrycyk J, Kadji W, Gräni C, Ebner L, Christe A, Huber AT. Mapping of the liver function - impact of MR field strength on T1 reduction rate. ECR, Vienna. Austria, 2020 (virtual congress due to Coronavirus)

31   Obmann VC, Kreis R, Sack I, Berzigotti A, Obmann M, Heverhagen J, **Christe A,** Huber AT. Single - and multi-frequency MR elastography with gradient-recalled echo and spin-echo echo-planar acquisitions: Comparison of robustness and intersegmental liver stiffness variation. ECR 2020. Vienna. July 15-19, 2020. (virtual congress due to Coronavirus)

32   Ebner L, Mougiakakou SG, Stathopoulou T, Christodoulidis S, **Christe A.** INFLUENCE OF SOFT VERSUS HARD COMPUTED TOMOGRAPHY RECONSTRUCTION KERNEL ON RADIOLOGICAL PATTERN RECOGNITION. CHEST Congress Bologna, Italy 2020 (accepted, conference canceled due to Coronavirus)

33   **Christe A**, Mougiakakou SG, Stathopoulou T, Christodoulidis S, Ebner L. Automated Diagnosis of Pulmonary Fibrosis Using Deep Learning and CT Images. American Thoracic Society ATS International Conference, Philadelphia, NJ, USA, 2020 (accepted, virtual congress due to Coronavirus)

34   Catucci D, Obmann VC, Berzigotti A, Hrycyk J, Kaidi W, Gräni C, Ebner L, Mertineit N, Heverhagen JT, **Christe A**, Huber AT. Mapping of the liver function – impact of MR field strength on T1 reduction rate. ESGAR, Amsterdam, Netherlands, 2020 (accepted, conference postponed due to Coronavirus)

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36   **Christe A,** Löbelenz L, Ebner L. Kerley B lines in the lung apex – a new CT sign for pulmonary congestion. Annual Radiology Meeting in UAE, Dubai, United Arab Emirates 2019

37   Obmann VC, Mertineit N, Berzigotti A, Marx CL, Ebner L, Ith M, Heverhagen J, **Christe A,** Huber AT. Susceptibility-weighted Imaging (SWI) compared to T2 mapping in the presence of hepatic steatosis and fibrosis. Swiss Congress of Radiology, SCR, SGR-SSR, St. Gallen, Switzerland, 2019

38   **Christe A**, Mougiakakou SG, Ebner L. Automated Diagnosis of Pulmonary Fibrosis Using Deep Learning and CT Images. Annual European Clinical Conference, Vienna, Austria, 2019

39   Obmann VC, Marx CL, Ebner L, Ith M,Heverhagen J, **Christe A,** Huber AT. Liver MRI susceptibility-weighted imaging (SWI) and T2* mapping in the presence of steatosis and fibrosis. ECR, Vienna, Austria, 2019

40   Marx C, Obmann V, Hrycyk J, Ebner L, BerzigottiA, Christe A, Huber A. Liver vein to cava attenuation (LVCA) improves prediction of clinically significant fibrosis when combined with liver volumetry and caudate-right lobe ratio (crl-r) on portal venous CT scans. European Congress of Radiology-ECR, Vienna , Austria, 2019

41   Ebner L, Huber AT, Peters AA, Löbelenz LI, Heverhagen J, **Christe A**. Usual Interstitial pneumonia (UIP) pattern revisited: comparison of the recently introduced Fleischner recommendations for the diagnosis of UIP pattern and the 2011 ATS/ERS criteria for UIP pattern on chest Computed Tomography. European Congress of Radiology ECR, Vienna, Austria, 2019

42   **Christe** A, Stathopoulou T, Christodoulidis S, Anthimopoulos M, Mougiakakou SG, Ebner L. Computer Aided Diagnosis of Pulmonary Fibrosis Using Deep Learning and CT Images. Society of Thoracic Radiology STR, Annual Meeting Savannah, Georgia, USA, 2019

43   **Christe A**. Non tuberculous mycobacterium infection: Role of imaging. Annual Congress of the European Society of

Thoracic Imaging ESTI, Geneva, Switzerland, 2018

44   **Christe A**, Ebner L, Anthimopoulos M, Christodoulidis S, Mougiakakou S. A Convolutional Neural Network for the Classification of Interstitial Lung Disease Patterns. American Thoracic Society ATS, international Conference, San Diego, CA, USA, 2018

45   **Christe A.** Interstitial Lung Disease made easy. Annual Congress of the Swiss Society of Radiology, Lausanne, Switzerland, 2018

46   Löbelenz LI, Ebner L, **Christe A**. Kerley-B-lines in the lung apex - a new CT sign for pulmonary congestion. Swiss Congress of Radiology SCR, Lausanne, Switzerland, 2018.

47   **Christe A.** Die häufigsten Lungenerkrankungen im radiologischen Fokus. Jahrestagung MTRA *Ab auf die Insel*. Bern, 2018

48   **Christe A.** Computed Tomography Imaging for the Characterization of Drugs using Radiation Density Measurements and HU-Spectroscopy. 12th Annual Pharma Middle East Congress, Dubai, UAE, 2017

49   **Christe A**, Anthimopoulos M, Christodoulidis S, Mougiakakou S , Ebner L Lung Pattern Classification for Interstitial Lung Diseases (Deep Convolutional Neural Network). American Roentgen Ray Society (ARRS) Annual Meeting, New Orleans, Louisiana, USA, 2017

50   Obmann VC, Mertineit N, Heverhagen JT, **Christe A***, Huber AT* (*These authors contributed equally to this work). Morphology based assessment of liver fibrosis using a new quantitative metric in abdominal CT scans. The International Liver Congress, EASL, Amsterdam, Netherlands, 2017

51   **Christe A**, Ebner L, Anthimopoulos M, Christodoulidis S, Mougiakakou S. Lung Pattern Classification for Interstitial Lung Diseases Using a Deep Convolutional Neural Network. Radiological Society of North America (RNSA), Scientific Assembly and Annual Meeting, Chicago, USA, 2016

52   **Christe A**, Ebner L, Huber A. CT arterial enhancement fraction for hepatocellular carcinoma screening. 3th World Congress on Hepatitis, Dubai, UAE, 2016

53   **Christe A**. Impact of different polymorphisms in prevalence of liver fibrosis and progression in hepatitis patients. 3th World Congress on Hepatitis, Dubai, UAE, 2016

54   Pownall WR, Gendron K, **Christe A**, Geissbühler U. POSTMORTEM COMPUTED TOMOGRAPHY (PMCT) FINDINGS IN THE NORMAL CANINE LUNG. Annual European Veterinary Diagnostic Imaging Meeting, Wroclaw, Poland 2016

55   **Christe A**, Ebner L. Maximum Intensity Projection (MIP) Versus Computer-Aided-Detection (CAD) in CT Lung Cancer Screening. American Thoracic Society ATS, international Conference, San Francisco, CA, USA, 2016

56   **Christe A**, Ebner L. Classification of interstitial lung disease patterns of HRCT images using DCT features. Society of Thoracic Radiology STR, Annual Meeting, Scottsdale, AZ, USA, 2016

57   Roth B, S Hnilicka, Ruf SDM, **Christe A**, Thalmann GN. PD13-02 CAN LOW-DOSAGE, DIGITAL X-RAY SCANNING (LODOX) REPLACE COMPUTED TOMOGRAPHY (CT) AND CONVENTIONAL RADIOGRAPHY (CR) IN THE DIAGNOSTICS OF URETERAL STONES? The Journal of Urology 4 (193), e262

58   Roth B, Hnilicka S, Meierhans RSD, **Christe A**, Thalmann GN. Low-dosage, digital X-ray scanning (LODOX) in the diagnostics of ureteral stones. European Urology Supplements 2 (14), e379

59   **Christe A,** Huber A, Schuster F, Ebner L, Heverhagen J,. COMPUTER-TOMOGRAPHY (CT) WITH MAPPING OF THE ARTERIAL ENHANCEMENT FRACTION (AEF) FOR SCREENING OF HEPATOCELLULAR CARCINOMA (HCC) IN PATIENTS WITH END-STAGE LIVER CIRRHOSIS. EASL, the International Liver Congress, Vienna, Austria, 2015

60   **Christe A**, Huber A, Ebner L. CT-Patterns of Pneumocystis Jirovecii Pneumonia Are Dependent on CD4 Cell Count in HIV-Positive Patients. American Thoracic Society ATS, international Conference, Denver, Colorado, USA, 2015

61   Guler S, Berezowska SA, **Christe A**, Thomas G, Manuela F. Multidisciplinary board for interstitial lung disease: Relevance for real life? European Respiratory Journal. Conference: European Respiratory Society Annual Congress 2015. Amsterdam Netherlands. Conference Start: 20150926. Conference End: 20150930. Conference Publication: (var.pagings). 46 (no pagination), 2015. Date of Publication: 01 Sep 2015.

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Denver, Colorado, USA, 2015

63   **Christe A.** CT-Patterns Of Pneumocystis Jirovecii Pneumonia Are Dependent On CD4 Cell Count In HIV-Positive Patients. American Thoracic Society ATS, international Conference 2015, Denver, Colorado, USA, 2015

64   **Christe A**, Ebner L, Huber A, Roos JE. Lung cancer screening with microdose-CT imaging features at different reconstruction kernels. Society of Thoracic Radiology STR, Annual Meeting, Carlsbad, California, USA, 2015

65   **Christe A**, Ebner L, Huber A, Roos JE. Performance of Maximum Intensity Projection (MIP) and Computer-Aided-Detection (CAD) as stand-alone devices in Lung Cancer Screening at different CT-Dose Levels and Reconstruction Kernels. Society of Thoracic Radiology STR, Annual Meeting, Calsbad, California, USA, 2015

66   Guler S, Berezowska S, **Christe A**, Geiser T, Funke M. Multidisciplinary Board for Interstitial Lung Disease (ILD): real life experience. Swiss Society of Pneumology, Annual Conference, Lugano, Switzerland, 2015

67   Obmann V, Szucs-Farkas Z, **Christe A**, Ott S, Stranzinger E. Dual Energy subtraction radiography in cystic fibrosis. Annual Congress of the Swiss Society of Radiology, Basel, Switzerland 2015

68   **Christe A**, Hnilicka S, Obmann V, Roth B. Performance of low-dose, digital X-ray scanning (LODOX) compared to conventional radiography (CR) in the diagnostics of ureteral stones. European Congress of Radiology, Scientific Assembly and Annual Meeting, Vienna, Austria, 2015

69   **Christe A**, Anthimopoulos M, Christodoulidis S, Mougiakakou S. Classification of Interstitial Lung Disease Patterns Using Local DCT Features. Radiological Society of North America (RNSA), Scientific Assembly and Annual Meeting, Chicago, USA, 2014

70   Obmann V, Szucs-Farkas Z, **Christe A**, Ott S, Stranzinger E. Dual Energy subtraction radiography in cystic fibrosis. Radiological Society of North America (RNSA), Scientific Assembly and Annual Meeting, Chicago, USA, 2014

71   Masterclass HRCT – Interstitielle Lungenerkrankungen. Institut für Diagnostische und Interventionelle Radiologie, UniversitätsSpital Zürich, Switzerland 2015

72   Shrestha BK, Correia D, Von Garnier C, Klass ND, Klaeser B, Ott S. Schmidhalter D, Mertineit N, **Christe A**, Zaugg K, Schmuecking M. Co-registration of virtual bronchoscopy with videobronchoscopy for target volume definition in patients with localized NSCLC and extensive intraluminal exophytic and mucosal growth. Strahlentherapie und Onkologie. Conference: 21. Jahrestagung der Deutschen Gesellschaft fur Radioonkologie, DEGRO 2015. Germany. Conference Start: 20150625. Conference End: 20150628. 191 (1 Supplement 1) (pp S63), 2015. Date of Publication: 2015.

73   Arampatzis S, Ebner L, Rauch A, Furrer H, Weiler S, Heverhagen J, Huynh-Do U, **Christe A**. Distinct radiological CT-patterns of pneumocystis jirovecii pneumonia between renal transplant recipients and HIV-positive patients. Swiss Medical Weekly. Conference: 46th Annual Meeting of the Swiss Society of Nephrology, SGN-SSN 2014. Interlaken Switzerland. Conference Start: 20141204. Conference End: 20141205. Conference Publication: (var.pagings). 144 (pp 22S), 2014. Date of Publication: 19 Nov 2014.

74   Anthimopoulos M, Christodoulidis S, **Christe A**, Mougiakakou S. Classification of Interstitial Lung Disease Patterns Using Local DCT Features and Random Forest. 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'14), Chicago, Illinois, USA, 2014.

75   **Christe A**, Roos JE, Huber A, Leidolt L, Ebner L, Heverhagen J, Landau J. Lung Nodule Detection with Micro-Dose CT. Society of Thoracic Radiology, Annual Meeting, San Antonio, Texas, USA, 2014

76   **Christe A,** Ebner L, Rauch A, Furrer HJ, Weiler S, Huyhn-Do U, Heverhagen J, Arampatzis S. CT-patterns of Pneumocystis jirovecii pneumonia differ between HIV-positive and post-transplantation patients. European Congress of Radiology, Scientific Assembly and Annual Meeting, Vienna, Austria, 2014

77   Ott D, Ebner L, **Christe A**, Chong D, Ith M. Propositions for an optimized clinical protocol for routine kidney diffusion-weighted MRI. European Congress of Radiology, Scientific Assembly and Annual Meeting, Vienna, Austria, 2014

78   Megyeri B, Schindera S, **Christe A**, Heverhagen J, Vock P, Szucs-Farkas Z. Diagnostic confidence and image quality with normal-dose and low-dose CT pulmonary angiography at various body weights: results from a prospective

randomized study. European Congress of Radiology, Scientific Assembly and Annual Meeting, Vienna, Austria, 2014

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81   **Christe A**. Lung Cancer Screening – New Evidence. Lung Cancer Center Symposium, University of Bern, Bern, Switzerland, 2013

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86   **Christe A**. Systematische Analyse des Thoraxröntgenbildes, Curriculum Allgemein Innere Medizin, Universität Bern, Switzerland 2013

87   Gendron K, **Christe A**. Pulmonary HRCT in dogs with Leptospirosis. European Veterinary Diagnostic Imaging Congress (EVDI), Estoril, Portugal 2013

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96   Röntgenthorax in der Hausarztpraxis. Localmed Bern, Switzerland 2012

97   **Christe A**. Lungenkarzinom-Screening mit Niedrigdosis-CT. CT-Minisymposium, University of Bern, Switzerland 2012

98   **Christe A**. Screening Algorithmus. Lungenkarzinomfrüherkennung in der Schweiz. Medizinisch-thoraxchirurgisches Kolloquium. University Hospital Zurich, Switzerland 2012

99   **Christe A**. Staging Bronchuskarzinom. Radioonkologisches FMH Kolloquium, Bern, Switzerland 2012

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