



Curriculum Vitae

Kim Sivesgaard

Associate Professor, MD, PhD
Staff specialist, Department of Radiology,
Aarhus University Hospital (AUH), Denmark
Born December 25th, 1981
ORCID 0000-0001-6336-9890

Education and employment

2025 – : Associate Professor, Department of Clinical Medicine, Aarhus University
2021 – 25: Part-time Lecturer, Department of Clinical Medicine, Aarhus University
2021 – : Staff specialist, Department of Radiology, Aarhus University Hospital (AUH)
2013 – 2021: Radiology Specialisation, Department of Radiology, AUH and Department of Radiology Herning, Hospitalsenheden Vest
2014 – 2018: PhD-degree, Health, Aarhus University
2012 – 2013: Radiology Trainee, Department of Radiology, AUH
2012: Resident, Department of Cardiology, AUH
2011: Medical Trainee, Department of Medicine, Regionshospitalet Randers
2010: Basic Medical Trainee, Department of Medicine, Regionshospitalet Randers and Lægehuset Allingåbro
2007: Research Year, Department of Anaesthesiology/Department of Thoracic Surgery, AUH
2003 – 2010: MD, Aarhus University

Publications (excluding submitted, etc.)

19 registered in PubMed (please refer to publication list)
Citations: 470 (Scopus) and 602 (Google Scholar)
Number of first authorships: 6
H-index is 5 (Scopus) and 6 (Google Scholar)
> 10 peer-reviewed abstracts, proceedings and invited lectures at international conferences

Board membership

Treasurer and board member, Danish Society of Medical Magnetic Resonance, member, Dansk Radiologisk Selskab (DRS), past board member Foreningen af Yngre Radiologer i Region Midt (FYRMidt).

Awards

2018: Bent Madsen og Eyvind Mosekilde's hæderslegat

Teaching portfolio

Has formal educational training: InTeL (Integrated Teaching and Learning), Aarhus University
2026: Lecturer on "Leger I Spesialisering" (Norwegian radiologi specialisation course in abdominal radiologi), Oslo
2023 – : Lecturer on "MR kursus – Avanceret" (Lever, Tarm og MRCP) for radiographers
2022 – : Course faculty member on radiology specialization course (A-kursus) in research methodology
2022 – : Lecturer on "Clinical MRI" in the PhD course in MRI, Aarhus University
2016 – 2022: Lecturer on MRI technique for radiology trainees, Department of Radiology, RH

Viborg

Supervisor

2025: Main supervisor for Master Thesis student Christian Ryseth
2024: Main supervisor for Master Thesis student Patrick Ladelund
2022 – 2023: Supervisor for Research Year Student Jakub Wronecki
2023: Supervisor for Anders Gerner's research methodology assignment
2022: Supervisor for Kristoffer Bachmann Nøhr's research methodology assignment
2008 – 2009: Supervisor for Research Year Student Albin Stigö

Assessment committee

2025: PhD-assessment committee for Erik Gudmann Steuble Brandt "Pancreatic Imaging with Photon Counting CT – From quantum mottle to cancer".

Reviewer

2018 – : European Radiology
2019 – : Acta Radiologica
2019: European Journal of Surgical Oncology
2018: Journal of Magnetic Resonance Imaging, Journal of Gastroenterology
2018: Bedømmer på ansøgning til KWF Kanker Bestrijding

Major grants

FONDEN AF 17-12-1981 (2007: 100.000 kr.), Dansk Kræftforsknings Fond (2014: 223.159 kr.), Becket-Fonden (2014: 50.000 kr.), Direktør Emil C. Hertz og Hustru Inger Hertz' Fond (2015: 50.000 kr.), Riisfort Fonden (2016: 268.009 kr.), Fondet til Fremme af Dansk Radiologi (2021: 391.163 kr.), Eyvind Mosekilde og Bent Madsens Fond (2022: 57.423 kr.), Novo Nordisk Foundation (2022: 150.000 kr.), Danmarks Frie Forskningsråd (2025: 911.085 kr.), Region Midtjyllands Sundhedsvidenskabelige Forskningsfond (2025: 125.000 kr.).

Publication list (19 publications including 6 first-authorships)

2026 Kjaergaard U, Bøgh N, Aastrup M, Kristensen MH, Christensen NV, **Sivesgaard K**, Ringgaard S, Bertelsen LB, Hansen ESS, Grønbæk H, Villadsen GE, Laustsen C. Proof-of-Concept Study with Hyperpolarized [1-¹³C] Pyruvate MRI In Patients with Hepatocellular Carcinoma. Radiol Imaging Cancer. 2026 Sep;8(5):e250784. doi: 10.1148/rycan.250784.
Lund A, Andersen KA, Knudsen AR, Meier M, Alstrup AKO, **Sivesgaard K**, Kristiansen MK, Sørensen M, Larsen MØ, Nyengaard JR, Mortensen FV. Associated Radiofrequency Ablation and Portal vein ligation for Staged hepatectomy (ARAPS) compared to Portal Vein Ligation (PVL) induces prolonged and enhanced liver regenerative response. Eur Surg Res. 2026 Aug 26;1. doi: 10.1159/esr/actag003.

2025 **Sivesgaard K**, Al-Masshadi R, Buus TW. Dual flip angle liver T1 mapping with B1 correction at 3 T – In vitro and in vivo evaluation. Magn Reson Imaging. 2025;123:110476.
Kjaergaard U, Lund A, Redda M, Kristensen MH, Aastrup, Bøgh N, **Sivesgaard K**, Ohlinger MA, Vigneron DB, Bertelsen LB, Alstrup AKO, Hansen ESS, Mortensen FV, Laustsen C. Regional quantification of metabolic liver function using hyperpolarized [1-¹³C] pyruvate MRI. Sci Rep. 2025 Mar 26;15(1):10482.

2021 Larsen SKA, **Sivesgaard K**, Pedersen EM. Multi-band whole-body diffusion-weighted imaging with inversion recovery fat saturation: Effects of respiratory compensation. Eur J Radiol Open. 2021;8:100374.

- 2020 Buus TW, **Sivesgaard K**, Friis TL, Christiansen PM, Jensen AB, Pedersen EM. Fat fractions from high-resolution 3D radial Dixon MRI for predicting metastatic axillary lymph nodes in breast cancer patients. *Eur J Radiol Open*. 2020;7:100284.
Buus TW, **Sivesgaard K**, Jensen AB, Pedersen EM. Simultaneous Multislice Diffusion-Weighted Imaging with Short Tau Inversion Recovery Fat Suppression in Bone-Metastasizing Breast Cancer. *Eur J Radiol*. 2020;130:109142.
Sivesgaard K, Larsen LP, Sørensen M, Kramer S, Schlender S, Amanavicius N, Mortensen FV, Pedersen EM. Whole Body MRI added to gadoxetic acid enhanced liver MRI for detection of extrahepatic disease in patients considered eligible for hepatic resection and/or local ablation of colorectal cancer liver metastases. *Acta Radiol*. 2020;61:156-167.
- 2018 **Sivesgaard K**, Larsen LP, Sørensen M, Kramer S, Schlender S, Amanavicius N, Bharadwaz A, Nielsen DT, Mortensen FV, Pedersen EM. Diagnostic accuracy of CE-CT, MRI and FDG PET/CT for detecting colorectal liver metastases in patients considered eligible for hepatic resection and/or local ablation. *Eur Radiol*. 2018;28:4735-4747.
- 2017 **Sivesgaard K**, Jöhnk ML, Larsen LP, Sørensen M, Kramer S, Løgager VB, Hansen F, Pedersen EM. Comparison of four MRI protocols for detection of extrahepatic colorectal cancer metastases. *J Magn Reson Imaging*. 2017;46:1619-1630.
Schøler LV, Reinert T, Ørntoft MW, Kassentoft CG, Árnadóttir SS, Vang S, Nordentoft I, Knudsen M, Lamy P, Andreassen D, Mortensen FV, Knudsen AR, Stribolt K, **Sivesgaard K**, Mouritzen P, Nielsen HJ, Laurberg S, Ørntoft TF, Andersen CL. Clinical implications of monitoring circulating tumor DNA in patients with colorectal cancer. *Clin Cancer Res*. 2017;23:5437-5445.
- 2016 Larsen B, Larsen LP, **Sivesgaard K**, Juul S. Black or white coffee before anaesthesia?: A randomised crossover trial. *Eur J Anaesthesiol*. 2016;33:457-62.
- 2014 **Sivesgaard K**, Larsen LP, Pedersen EM. Diffusionsvægtet body-MR-skanning. *Ugeskr Laeger*. 2014;176:11A.
- 2013 Mortensen MB, **Sivesgaard K**, Jensen HK, Comuth W, Kanstrup H, Gotzsche O, May O, Bertelsen J, Falk E. European guidelines on cardiovascular disease prevention fail to identify young adults destined for a near-term heart attack. *Dan Med J*. 2013;60:A4629.
- 2012 Larsen JR, **Sivesgaard K**, Christensen SD, Hønge JL, Hasenkam JM. Heart Rate Limitation and Cardiac Unloading in Sevoflurane Post-conditioning. *Acta Anaesthesiol Scand*. 2012;56:57-65.
- 2010 Stigo A, Johansen P, Jensen MO, **Sivesgaard K**, Nygaard H, Sloth E. An automated in vitro model for the evaluation of ultrasound modalities measuring myocardial deformation. *Cardiovasc Ultrasound*. 2010 Sep 7;8:40.
Kroeijer R, Eldrup N, Paaske WP, Torp P, **Sivesgaard K**, Sloth E. Left ventricular longitudinal strain for perioperative cardiac monitoring in aortic aneurysm surgery, using transthoracic two dimensional echocardiography. A feasibility and repeatability study. *J Cardiothorac Vasc Anesth*. 2010;24:37-42.
- 2009 Larsen JR, Smerup M, Hasenkam JM, Christensen SD, **Sivesgaard K**, Torp P et al. Hypertrophied hearts: what of sevoflurane cardioprotection? *Acta Anaesthesiol Scand*. 2009;53:496-504.
Sivesgaard K, Christensen SD, Nygaard H, Hasenkam JM, Sloth E. Speckle Tracking Ultrasound is Independent of Insonation Angle and Gain. An In-vitro Investigation of Agreement with Sonomicrometry. *J Am Soc Echocardiogr*. 2009;22:852-858.