

Janni Jensen, Ph.d. student, MSc, BSc
Ph.d. student, Research- & Innovation Unit of Radiology, Odense University
Hospital, Denmark Reporting radiographer, Department of Radiology, Odense
University Hospital, Denmark

Qualifications

PhD, Distal radius fractures and accuracy of radiographic measurements Does patient positioning influence measurement reliability?, University of Southern Denmark

Award Date: 18. Jun 2021

MSc Radiography, Master of Science in Health, Thesis: Evaluation of Periprosthetic Bone Cysts in Patients with a Scandinavian Total Ankle Replacement: Weight-bearing Conventional Digital Radiographs Versus Weight-bearing Multi-Planar Reconstructed Fluoroscopic imaging., University of Birmingham

Jan 2008 → Sept 2012

Award Date: 20. Sept 2012

Radiography, Bachelor of Science, Radiography, University College Lillebælt

1. Sept 2003 → 1. Feb 2007

Award Date: 1. Feb 2007

Employment

Department of Clinical Research

1. Jun 2023 → 31. May 2028

Associate Professor

KI, OUH, Research unit of Radiology (Odense)

1. Jun 2023 → 31. May 2028

VIP

KI, OUH, CAI-X Centre for Clinical AI (Odense)

19. Jan 2024 → 31. Dec 2028

Publications

How does intelligent noise reduction software influence the image quality in pelvic digital radiography: a phantom study

Hussner, E. D., Sundby, S., Outzen, C. B., Jensen, J., Tingberg, A. & Precht, H., Mar 2025, In: Journal of Medical Imaging and Radiation Sciences. 56, 2, 101814.

Gadolinium-based contrast dose regimens in MRI of the breast: Preliminary results of a systematic review

Kruse, J., Mussmann, B. R., Larsen, L. B., Friismose, A. I., Hofvind, S., Vogsen, M. & Jensen, J., 29. Jan 2025.

An overview of radiography research and publication productivity in Denmark

Jensen, J., Andersen, P. B., Skjøth, F. & Pedersen, M. R. V., Jan 2025, In: Radiography.

Radiographers' emotional reactions to suspected child abuse

Mussmann, B., List, H., Hardy, M., Al-Rikabi, Z. S., Vinter, H. & Jensen, J., Jan 2025, In: Radiography. 31, 1, p. 306-312

Virtual reality simulation for mastery learning of wrist radiograph technique

Jensen, J., Mussmann, B. R., Pedersen, M. R., Brage, K., England, A., Precht, H., Mørup, S. D., Weber Kusk, M., Bollerup, C., Lysdahlgaard, S., Dietrich, A. V., Egebjerg Hansen, K. & Pietersen, P. I., Dec 2024, In: Radiography. 30, Suppl. 2, p. 10-16

A Nordic survey on artificial intelligence in the radiography profession: Is the profession ready for a culture change?

Pedersen, M. R., Kusk, M. W., Lysdahlgaard, S., Mork-Knudsen, H., Malamateniou, C. & Jensen, J., Jul 2024, In: Radiography. 30, 4, p. 1106-1115

Deep learning performance compared to healthcare experts in detecting wrist fractures from radiographs: A systematic review and meta-analysis

Hansen, V., Jensen, J., Weber Kusk, M., Gerke, O., Tromborg, H. & Lysdahlsgaard, S., May 2024, In: European Journal of Radiology. 174, 10 p., 111399.

Nordic radiographers' and students' perspectives on artificial intelligence: A cross-sectional online survey

Pedersen, M. R., Weber Kusk, M., Lysdahlsgaard, S., Mork-Knudsen, H., Malamateniou, C. & Jensen, J., May 2024, In: Radiography. 30, 3, p. 776-783

Reporting radiographers within the European Federation of Radiographer Society (EFRS) member countries: motivation for becoming a reporting radiographer

Jensen, J., Blackburn, P. A., Gale, N., Senior, C., Woznitza, N., Heales, C. J. & Pedersen, M. R., May 2024, In: Radiography. 30, 3, p. 731-736

Atypical presentation of Lemierre's syndrome caused by penicillin-susceptible Staphylococcus aureus in a patient with chronic stomatitis and COVID-19

Burgdorf, E., Jensen, J., Grimm, P. & Von Huth, S., 2. Apr 2024, In: BMJ Case Reports. 17, 4, e258776.

Radiation dose to multidisciplinary staff members during complex interventional procedures

Mussmann, B., Larsen, T. R., Godballe, M., Abdi, A. J., Kantsø, A., Jakobsen, A. R., Nielsen, M. V. & Jensen, J., Mar 2024, In: Radiography. 30, 2, p. 512-516

Radiographers use of social media - SoMe in a Nordic perspective

Pedersen, M. R. V., Precht, H., Jensen, J., Mussmann, B., Abdi, A. J., Hansen, P. L., Mørup, S. D., Brage, K. & Holm, S., Mar 2024, In: Radiography. 30, 2, p. 651-658

Reply to letter to the editor "Radiation dose to multidisciplinary staff members during complex interventional procedures by Mussmann et al. A gap in the literature review"

Mussmann, B., Abdi, A. J. & Jensen, J., Mar 2024, In: Radiography. 30, 2, p. 695 1 p.

Repeatability of diffusion-based stiffness prediction - A healthy volunteer study

Rasmussen, A.-M., Friismose, A. I., Mussmann, B., Lagerstrand, K., Severin Gråe Harbo, F. & Jensen, J., 22. Jan 2024, In: Radiography. 30, 2, p. 524-530

Reporting radiographers in Europe survey: Support, role satisfaction, and advanced clinical practice within the European federation of radiographer society (EFRS) member countries

Pedersen, M. R. V., Jensen, J., Gale, N., Senior, C., Woznitza, N. & Heales, C. J., Jan 2024, In: Radiography. 30, 1, p. 87-94

3D wrist imaging: Is it time for superman to retire?

Mørup, S. D., Mussmann, B. R., Pedersen, M. R., Moseholm Rasmussen, L., Garde, K. & Jensen, J., 27. Dec 2023, In: Journal of Clinical Imaging Science. 13, 1, 6 p., 39.

Ultrasound assessment of testicular volume: An interobserver variability study

Pedersen, M. R. V., Otto, P. O., Fredslund, M., Smedegaard, C., Jensen, J., McEntee, M. F. & Loft, M. K., Dec 2023, In: Journal of Medical Imaging and Radiation Sciences. 54, 4, p. 692-698

Patient positioning during the radiographic procedure affects the radiological signs of acetabular retroversion: A systematic review

Midtgård, M., Pedersen, M. R., Christensen, N. L., McKnight, L. & Jensen, J., 19. Oct 2023, In: Journal of Clinical Imaging Science. 13, 7 p., 34.

Reporting radiographers in Europe survey: An overview of the role within the European Federation of Radiographer Society (EFRS) member countries

Pedersen, M. R. V., Jensen, J., Senior, C., Gale, N., Heales, C. J. & Woznitza, N., Oct 2023, In: Radiography. 29, 6, p. 1100-1107

Accuracy of radiographic measurements of fracture-induced deformity in the distal radius

Jensen, J., Graumann, O., Gerke, O., Torfing, T., Precht, H., Rasmussen, B. S. & Tromborg, H. B., Sept 2023, In: Acta Radiologica Open. 12, 9

Minimal Hip Joint Space Width Measured on X-rays by an Artificial Intelligence Algorithm: A Study of Reliability and Agreement

Andersen, A. M., Rasmussen, B. S. B., Graumann, O., Overgaard, S., Lundemann, M., Haubro, M. H., Varnum, C., Rasmussen, J. & Jensen, J., Sept 2023, In: BioMedInformatics. 3, 3, p. 714-723

Using virtual reality simulation for training practical skills in musculoskeletal wrist X-ray - A pilot study

Jensen, J., Graumann, O., Jensen, R. O., Gade, S. K. K., Thielsen, M. G., Most, W. & Pietersen, P. I., Jul 2023, In: Journal of Clinical Imaging Science. 13, 1, 20.

Clinical application of EOS imaging system: a scoping review protocol

Brage, K., Mussmann, B., Geijer, M., Larsen, P. & Jensen, J., 1. May 2023, In: JBI evidence synthesis. 21, 5, p. 1009-1015

Observer agreement of volar tilt of the wrist is influenced by forearm rotation

Kirkeby Jensen, E. M., Jensen, J., S Benjamin, R., B Hans, T. & Graumann, O., Apr 2023, In: Acta Radiologica Open. 12, 4

Ultra-low-dose emergency chest computed tomography protocols in three vendors: A technical note

Mussmann, B., Skov, P. M., Lorentzen, M. H., Skjøt-Arkil, H., Graumann, O., Andersen, M. B. & Jensen, J., Mar 2023, In: Acta Radiologica Open. 12, 3

Reply to letter to the editor regarding Mussmann et al. 'The lateral wrist radiograph – To retake or not to retake'

Mussmann, B. R., Milner, G. R., Barlow, N. & Jensen, J., Jan 2023, In: Radiography. 29, 1, p. 260 1 p.

The lateral wrist radiograph - To retake or not to retake

Mussmann, B. R., Milner, R., Barlow, N. & Jensen, J., Jan 2023, In: Radiography. 29, 1, p. 119-123

Occupational radiation dose to multidisciplinary team members during Endovascular Aortic Repair (EVAR) procedures

Mussmann, B. R., Godballe, M., Kantsø, A., Jakobsen, A. R., Nielsen, M., Abdi, A. J. & Jensen, J., 2023.

A Deep Learning Algorithm for Radiographic Measurements of the Hip in Adults-A Reliability and Agreement Study

Jensen, J., Graumann, O., Overgaard, S., Gerke, O., Lundemann, M., Haubro, M. H., Varnum, C., Bak, L., Rasmussen, J., Olsen, L. B. & Rasmussen, B. S. B., 26. Oct 2022, In: Diagnostics. 12, 11, 13 p., 2597.

Musculoskeletal radiography is a highly specialised area within the field of radiography: In response to Rosa et al. (2022) "We should not accept inappropriate radiologic views"

Jensen, J., Hardy, M. & Mussmann, B. R., Aug 2022, In: Radiography. 28, 3, p. 865-866

Correction: Abdi et al. Visual Evaluation of Image Quality of a Low Dose 2D/3D Slot Scanner Imaging System Compared to Two Conventional Digital Radiography X-ray Imaging Systems (Diagnostics 2021, 11, 1932)

Abdi, A. J., Mussmann, B., Mackenzie, A., Gerke, O., Jørgensen, G. M., Bechsgaard, T. E., Jensen, J., Olsen, L. B. & Andersen, P. E., 5. May 2022, In: Diagnostics. 12, 5, 2 p., 1144.

MR arthrography of the shoulder; correlation with arthroscopy

Jensen, J., Kristensen, M. T., Bak, L., Kristensen, S. S. & Graumann, O., 1. Dec 2021, In: Acta Radiologica Open. 10, 12, p. 1-5

There's nothing plain about projection radiography! A discussion paper

Mussmann, B. R., Hardy, M. & Jensen, J., Nov 2021, In: Radiography. 27, 4, p. 1227-1230

Visual Evaluation of Image Quality of a Low Dose 2D/3D Slot Scanner Imaging System Compared to Two Conventional Digital Radiography X-ray Imaging Systems

Abdi, A. J., Mussmann, B., Mackenzie, A., Gerke, O., Jørgensen, G. M., Bechsgaard, T. E., Jensen, J., Olsen, L. B. & Andersen, P. E., 19. Oct 2021, In: Diagnostics. 11, 10, 15 p., 1932.

Dorsal Tilt of the Distal Radius Fracture Changes With Forearm Rotation When Measured on Radiographs

Jensen, J., Tromborg, H. B., Rasmussen, B. S. B., Gerke, O., Torfing, T., Precht, H. & Graumann, O., Jul 2021, In: Journal of Hand Surgery Global Online. 3, 4, p. 182-189

The effect of forearm rotation on radiographic measurements of the wrist: an experimental study using radiostereometric analyses on cadavers

Jensen, J., Tromborg, H. B., Rasmussen, B. S. B., Gerke, O., Torfing, T., Precht, H. & Graumann, O., 2. Apr 2021, In: European Radiology Experimental. 5, 10 p., 15.

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.

Assessment of Image Quality in Digital Radiographs Submitted for Hip Dysplasia Screening

Moorman, L., Precht, H., Jensen, J., Svalastoga, E., Nielsen, D. H., Proschowsky, H. F. & McEvoy, F. J., 3. Dec 2019, In: Frontiers in Veterinary Science. 6, 7 p., 428.

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

Muskuloskeletal radiography as a specialty. A quality improvement project on positioning of musculoskeletal x-rays with a multimethodology and multidisciplinary approach.

Jensen, J. & Torfing, T., 1. Jul 2017. 1 p.

Noise in the Pediatric Chest X-ray – Do radiologists and Radiographers speak the same language?

Jensen, J. & Poulsen, M. R., 1. Mar 2017. 1 p.

Microdose acquisition in adolescent leg length discrepancy using a low-dose biplane imaging system

Jensen, J., Mussmann, B. R., Hjarbæk, J., Al-Aubaidi, Z., Pedersen, N. W., Gerke, O. & Torfing, T., 2017, In: Acta Radiologica. 58, 9, p. 1108-1114

Assessing Leg length Discrepancy Using a Biplane Low Dose Imaging System. A Comparative Diagnostic Study.

Jensen, J., Mussmann, B. R. & Torfing, T., 3. Dec 2015.

Micro dose acquisition in Leg length Discrepancy using the EOS imaging system

Jensen, J., Mussmann, B., Pedersen, N. W., Al-Aubaidi, Z. & Torfing, T., 24. Oct 2014.

Fluoroscopic rotational radiography vs. plain digital radiographs in patients with a total ankle replacement in regards to Periprosthetic bone cysts.

Jensen, J., Frøkjær, J., Gerke, O., Ludvigsen, L. & Torfing, T., 13. Jun 2014.

Simple measures to improve correct chest and abdomen imaging in NICU portable x-ray

Jensen, J. & Poulsen, M. R., 13. Jun 2014. 10 p.

Implementation of TraumaCad Calibration Ball in orthopedic imaging in a Radiology Department – a multidisciplinary approach

Jensen, J. & Torfing, T., Mar 2014.

Simple measures to improve correct chest and abdomen imaging in NICU portable x-ray

Jensen, J. & Poulsen, M. R., Mar 2014.

Evaluation of periprosthetic bone cysts in patients with a scandinavian total ankle replacement: weight-bearing conventional digital radiographs versus weight-bearing multiplanar reconstructed fluoroscopic imaging

Jensen, J., Frøkjær, J., Gerke, O., Ludvigsen, L. & Torfing, T., 2014, In: American Journal of Roentgenology. 203, 4, p. 863-868

Fluoroscopic rotational radiography vs. plain digital radiographs in patients with a total ankle replacement in regards to Periprosthetic bone cysts

Jensen, J., Frøkjær, J., Gerke, O., Ludvigsen, L. & Torfing, T., 2013.

Fluoroscopic rotational radiography vs. plain digital radiographs in patients with a total ankle replacement in regards to Periprosthetic bone cysts

Jensen, J., Frøkjær, J., Gerke, O., Ludvigsen, L. & Torfing, T., 2013.

Activities

Reporting radiographers in Europe

Jensen, J. (Guest lecturer)

1. Mar 2024

Tips and pitfalls for bringing AI into practice

Jensen, J. (Guest lecturer)

1. Mar 2024

Tips & tricks - MSK radiography

Jensen, J. (Guest lecturer)

25. Jan 2024

Diagnosing Adult Hip Dysplasia on Radiographs Using a Deep Learning Model

Jensen, J. (Guest lecturer)

2. Mar 2023

Can we trust radiographic measurements of the distal radius fracture?

Jensen, J. (Lecturer), Torfing, T. (Co-author), Precht, H. (Co-author), Aarup Duus, L. (Co-author), Rasmussen, B. S. (Co-author), Tromborg, H. B. (Co-author) & Graumann, O. (Co-author)

22. May 2019

Ortopædisk Radiografi

Jensen, J. (Organizer) & Torfing, T. (Organizer)

6. Nov 2017 → 7. Nov 2017

Ortopædisk Radiografi

Jensen, J. (Organizer) & Torfing, T. (Organizer)

16. May 2017 → 17. May 2017

Lecturer, SDU, Beskrivende radiograf

Jensen, J. (Lecturer)

Jan 2017

Ortopædisk Radiografi

Jensen, J. (Organizer) & Torfing, T. (Organizer)
3. Nov 2016 → 4. Nov 2016

Ortopædisk radiografi

Jensen, J. (Organizer) & Torfing, T. (Organizer)
15. Mar 2016 → 16. Mar 2016

Supervisor at BA level

Jensen, J. (Supervisor)
2016 → ...

Ortopædisk Radiografi

Jensen, J. (Organizer) & Torfing, T. (Organizer)
18. Nov 2015 → 19. Nov 2015

Ortopædisk radiografi

Jensen, J. (Organizer) & Torfing, T. (Organizer)
19. May 2015 → 20. May 2015

Lecturer, UCL

Jensen, J. (Lecturer)
2015 → ...

Ortopædisk Radiografi

Jensen, J. (Organizer) & Torfing, T. (Organizer)
21. Oct 2014 → 22. Oct 2014

Censor at BA level

Jensen, J. (Examiner)
2013 → ...