

# Oversigt over peer-reviewed artikler samt øvrig forskningsformidling i regi af Koncern HR, MidtSim

(Revideret december 2021)

## 2021

"Simulation på Tværs – Anbefalinger til det videre udviklings- og implementeringsarbejde inden for simulation i Region Midtjylland". Rapport. Koncern HR, MidtSim, 2021.

"Remote training in laparoscopy: a randomized trial comparing home-based self-regulated training to centralized instructor-regulated training". Sloth, S.B., Jensen, R.D., Seyer-Hansen, M., Christensen, M. K & De Win, G. *Surg Endosc* (2021). <https://doi.org/10.1007/s00464-021-08429-7>.

"Using In situ simulation when preparing for COVID-19: Health care professional's point of view". Juelsgaard J., Eriksen G., Ebdrup L., Toxvig N., Løfgren B. & Jensen RD. *International Journal of Medical Education* (In Review, 2021).

"Paediatric femoral fractures". Gottliebsen M, Møller-Madsen B, Larsen LL, Rölfing J. *Ugeskr Laeger*. 2021;183(21): V11200840.

"Simulation-based Team Training in Emergency Medicine – A Review of the literature". Weile J, Ovesen SH, Paltved C and Ingeman ML. In press *Advances in Simulation*.

"Effect of simulation-based team training in airway management: A systematic review". Nielsen RP, Nikolajsen L, Paltved C and Aagaard R. In press *Anaesthesia*.

"Identifying technical skills and clinical procedures in surgery for a simulation-based curriculum: A national general needs assessment". Jensen, RD., Paltved C., Jaensch C., Durup J., Beier-Holgersen R., Konge L, Nayahangan, LJ. In press *Surgical Endoscopy*.

"Using in situ simulation to reduce fear and insecurity among healthcare professionals during the COVID-19 pandemic". Toxvig N. *Research Abstract*. Poster session, IMSH 2021.

"Residents facing uncertainty: A cognitive ethnographic study of adaptive expertise in geriatric emergency cases". Gamborg, M.L., Mylopoulos, M., Mehlsen, M., Paltved, C., & Musaeus. In review. *Advances in Health Sciences Education*.

## 2020

"An in situ simulation program: a quantitative and qualitative prospective study identifying latent safety threats and examining participant experiences". Andersen G, Paltved C and Jensen HI. *International Journal for Quality in Healthcare* In press.

"Patient safety culture improves during an in situ simulation intervention: A repeated cross-sectional intervention study at two hospital sites". Schram A, Paltved C, Christensen K, Andersen G, Jensen H I and Kristensen S. In review *BMJ Quality and Safety*.

"The effect of simulation-based neonatal emergency team training on clinical performance and patient outcome: A Systematic Review". Lindhard M, Thim S, Laursen H, Schram A, Paltved C and Henriksen T. In review Pediatrics.

"The effect of simulation-based pediatric emergency team training on clinical performance and patient outcome: A Systematic Review". Thim S, Henriksen TB, Laursen H, Schram AW, Paltved C and Lindhard MS. Submitted.

"Cardiopulmonary Resuscitation Training for In-hospital Healthcare Professionals: A Scoping Review". Lauridsen KG; Løfgren B; Brogaard L, Paltved C; Hvidman L and Krogh K. In review Simulation in Healthcare.

"The effects of obstetric emergency team training on patient outcome: a systematic review and meta-analysis". Brogaard L, Lauridsen KL, Løfgren B, Krogh K, Paltved C, Boie S, Hvidman. Submitted BMJ Quality and Safety.

"Conceptualizations of clinical decision-making: A scoping review in geriatric emergency medicine". Gamborg, M.L., Mehlsen, M., Paltved, C., Tramm, G., & Musaeus, P., BMC Emergency Medicine, vol. 20, no. 73 (2020) DOI: <https://doi.org/10.1186/s12873-020-00367-2>.

"How to play the game of medical education: Sociocultural analyses of educational difficulties among medical residents". Christensen, M. K., Sørensen, J. K., Jensen, R. D., Gjedde Brøndt, S., Norberg, K., O'Neill, L. D., Mortensen, L. S. & Charles, P., 18 jun. 2020, I : MedEdPublish.

"Identifying and prioritising technical procedures for simulation-based curriculum in paediatrics: a Delphi-based general needs assessment". Thim, S., Nayahangan, L. J., Paltved, C., Jensen, R. D., Konge, L., Hertel, N. T. & Balslev, T., 2020, I : BMJ paediatrics open. 4, 1, e000697.

"The Benefits of Tying Yourself in Knots: Unraveling the Learning Mechanisms of Guided-Discovery Learning in an Open-Surgical Skills Course". Agesen A, Jensen RD, Cheung J, Christensen J, Konge L, Brydges R, Thinggaard E, Kulasegaram K. Academic Medicine: November 2020 - Volume 95 - Issue 11S - p S37-S43 doi: 10.1097/ACM.0000000000003646.

"Trainees' surgical activity and opportunity to transfer after simulation-based training". Sloth, S. B., Christensen, P., Jensen, RD., De Win, G., Seyer-Hansen, M. & Christensen, M. K., 2020. Danish Medical Journal. 67, 11, s. 1-8 8 s., A05200306.

"Fysisk overgreb mod børn i Danmark – Underretning er også lægens ansvar". Larsen LL, Græsholt-Knudsen T, Bramsen RH, Hesthaven G, Hansen OI, Møller-Madsen B, Rölfing J. Ugeskr Laeger. [submitted 2020 Oct 30].

"The joint angle tool for intraoperative assessment of coronal alignment of the lower limb". Abood AA, Petruskevicius J, Vogt B, Frommer A, Rödl R, Rölfing J. Strategies in Trauma and Limb Reconstruction. doi.org/ 10.5005/jp-journals-10080-1511.

"Resect or retain bone fragments in children and teenagers with severe open fractures?" Rölfing J, Bue M, Kiil BJ, Petruskevicius J. JBJS Case Connector. doi.org/ 10.2106/JBJS.CC.20.00390.

"Preparing an orthopedic department for COVID-19 - Lessons learned from reorganization and educational activities". Jensen RD, Bie M, Gundsø AP, Schmid JM, Juelsgaard J, Gamborg ML, Mainz H, Rölfing J. Acta Orthopaedica. 2020 Sep 10. doi.org/10.1080/17453674.2020.1817305.

"Physical child abuse demands increased awareness during health and socioeconomic crises like COVID-19 - A review and education material". Martinkevich P, Larsen LL, Græsholt-Knudsen T, Hesthaven G, Hellfritzs M, Petersen KK, Møller-Madsen B, Rölfing J. *Acta Orthopaedica*. 2020 Jun 23. doi.org/10.1080/17453674.2020.1782012.

"HipSim – Hip fracture surgery simulation utilizing the Learning Curve – Cumulative Summation test (LC-CUSUM)". Rölfing J, Jensen RD, Paltved C. *Acta Orthopaedica*. 2020 Jun 15. doi.org/10.1080/17453674.2020.1777511.

"New growth rod concept provides three dimensional correction, spinal growth, and preserved pulmonary function in early-onset scoliosis". Skov ST, Li H, Hansen ES, Høy K, Helmig P, Rölfing J, Bünger C. *Int Orthop*. 2020; 44(9):1773-1783. doi.org/10.1007/s00264-020-04604-y.

"Lengthening of magnetically controlled growing rods caused minimal pain in 25 children: pain assessment with FPS-R, NRS, and r-FLACC". Skov ST, Bünger C, Li H, Vigh-Larsen M, Rölfing J. *Spine Deformity*. 2020; 8(4):763-770. doi.org/10.1007/s43390-020-00096-3.

"COVID-19 kræver øget opmærksomhed på børnemishandling". Larsen LL, Hellfritzs MB, Petersen KK, Hesthaven G, Møller-Madsen B, Rölfing J. *Ugeskr Laeger*. 2020; 182:V71021.

"Trauma team training at a 'high-risk, low-incidence' hospital". Kristiansen LH, Freund DS, Rölfing J, Thorninger R. *Danish Medical Journal*. 2020; 67(3):A03190189.

"Applying self-regulated learning to simulation-based training". Sloth SB, Jensen RD, Krogh KB. *Masterclass. AMEE 2020*.

"Home-based self-regulated training vs. centralised instructor-regulated training in laparoscopy: A randomised comparative trial". Sloth SB, Seyer-Hansen M, De Win G, Jensen RD, Christensen MK. *Oral Presentation, AMEE 2020*.

"Using concurrent and retrospective think-aloud interviews to understand physician cognition during geriatric patient encounters in the emergency department". Gamborg, M.L., Mehlsen, M., Paltved, C., & Musaeus, P. *Oral Presentation, AMEE 2020*.

## 2019

"The Positive Effects of In-Situ Simulation When Moving a Hospital to New Facilities". Bie M, Dall R, Paltved C. *Oral presentation & poster session, DSMU meeting 2019, Copenhagen*.

"The Positive Effects of In-Situ Simulation When Moving a Hospital to New Facilities". Slot S, Bie M, Dall R, Paltved C. *Oral Presentation & Poster session, 5th NASCE scientific meeting, Stockholm, Sweden*.

"Identification and development of talent in surgery: A scoping study across the performance domains of surgery, sport, and music". Jensen RD, Ravn S, Christensen M. *European Journal of Training and Development*, vol. 43 no. 3-4. DOI: <https://doi.org/10.1108/EJTD-07-2018-0070>.

"Self-regulated vs. instructor-regulated training in laparoscopy: Preliminary results from a randomized comparative study". Sloth SB, Seyer-Hansen M, Gunter DW, Jensen RD,

Christensen MK. Oral Presentation & Poster session, 5th NASCE scientific meeting, Stockholm, Sweden.

"Simulationstræning i fremtiden. Hvad satser vi på?" Jensen, RD., Madsen, AH. Oral presentation (Invited Speaker), Dansk Kirurgisk Årsmøde. Copenhagen, Denmark.

"Talent Management in Surgical Education". Jensen, RD. Oral presentation, International Meeting on Simulation in Healthcare (IMSH), San Antonio, USA.

"How video cases in preparatory teaching influence students' approaches to patients in psychiatric clerkship. A qualitative study". Pedersen K, Morcke AM, Paltved C, Mors O, Ringsted C. BMC Medical Education.

"Clinical decision-making in geriatric emergency medicine: A systematic review". Gamborg ML, et al. Oral presentation, DSMU meeting 2019, Copenhagen.

"Clinical decision-making in geriatric emergency medicine: A systematic review". Gamborg ML, et al. Poster presentation, AMEE scientific conference, Vienna, Austria.

"Clinical decision-making in geriatric emergency medicine". Gamborg ML et al. Oral presentation, ROGANO meeting, Vienna, Austria.

"Clinical decision-making in geriatric emergency medicine". Gamborg, M. L. et al. Oral presentation, RIME scientific meeting, Copenhagen.

"Simulation-based team training in emergency pediatrics and neonatology – a systematic review [Internet]". Thim S, Henriksen TB, Laursen H, Paltved C, Lindhard MS. PROSPERO. 2019 [cited 2019 Sep 17]. Available from: [https://www.crd.york.ac.uk/prospero/display\\_record.php?ID=CRD42019128213](https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42019128213).

"Building a Culture of Safety Experiences from an in Situ Simulation Instructor Program". Schram A, Paltved C, Jensen H, Kjærgaard-Andersen G, Kristensen S. Oral presentation/poster, 5th NASCE scientific meeting, Stockholm, Sweden.

"Building a Culture of Safety Experiences from an in Situ Simulation Instructor Program". Schram A, Paltved C, Jensen H, Kjærgaard-Andersen G, Kristensen S. Oral præsentation/poster, DSMU meeting 2019, Copenhagen.

"Implementing Trauma Team Training at a Regional Hospital". Kristiansen LH, Freund D, Rölfing JD, Thorninger R. Dan Med J. In press. UFL-03-19-0189.R2.

"Failure affects subjective estimates of cognitive load through a negative carry-over effect in virtual reality simulation of hip fracture surgery". Rölfing JD, Nørskov JK, Paltved C, Konge L, Andersen SAW. Adv Simul (Lond). 2019 Nov 21;4:26. doi: 10.1186/s41077-019-0114-9.

"Børn med åbenlyse knoglebrud kan fejle mere end én ting". Rölfing JD, Kristensen NK, Bünger M. Ugeskr Læger 2019;181:V11180763.

"A national needs assessment study to determine procedures for simulation-based training in cardiology in Denmark". Gustavsen PH, Nielsen DG, Paltved C, Konge L, Nayahangan LJ. Scand Cardiovasc J. 2019 Jan 16:1-7.

"Consensus on technical procedures for simulation-based training in anaesthesiology: A Delphi-based general needs assessment". Bessmann EL, Østergaard HT, Nielsen BU, Russell L, Paltved C, Østergaard D, Konge L, Nayahangan LJ. Acta Anaesthesiol Scand. 2019 Mar 15.

"HipSim - Evidence Based Simulation of Hip Fracture Surgery". Rölfing JD, Paltved C. Oral presentation, 20th EFORT Congress, Lissabon, Portugal.

"Transfer Of Technical Skills Within Different Hip Fracture Procedure". Rölfing JD, Paltved C. Poster, 20th EFFORT Congress, Lissabon, Portugal.

"Failure affects subjective estimates of cognitive load through a negative carry-over effect in virtual reality simulation of hip fracture surgery". Nørskov J, et al. Oral presentation and poster, 5th NASCE scientific meeting, Stockholm, Sweden.

"Failure affects subjective estimates of cognitive load through a negative carry-over effect in virtual reality simulation of hip fracture surgery". Nørskov J, et al. Oral presentation, DOS meeting 2019, Vingsted, Denmark.

"Failure affects subjective estimates of cognitive load through a negative carry-over effect in virtual reality simulation of hip fracture surgery". Nørskov J, et al. Oral presentation, DSMU meeting 2019, Copenhagen.

## 2018

"Volar plating of distal radius fractures does not restore the anatomy". Madsen ML, [...], Rölfing J. Dan Med J. 2018 Aug;65(8). pii: A5497.

"Distal radius fractures are difficult to classify". Waever D, et al. Injury. 2018: 49 (Suppl. 1): S29-32. doi.org/10.1016/S0020-1383(18)30299-7.

"Measuring surgical skills in simulation-based training". Rölfing J, et al. J Am Acad Orthop Surg. 2018;00:1-2. doi.org/ 10.5435/JAAOS-D-17-00875.

"The CB system for 3D correction and preservation of continuous spinal growth in early onset scoliosis: a technical note". Skov ST, et al. SICOT J. Submitted.

"Trauma Team Training - a prospective intervention study regarding time to milestone events". Kristiansen LH, et al. Simul Healthc. Submitted 2018-12-16.

"Identification and Development of Talent in Surgery: A Scoping Study Across the Performance Domains of Surgery, Sport, and Music". Jensen, RD., Ravn, S., Christensen, MK. European Journal of Training and Development. (Accepted, 2018).

"Being a surgeon or doing surgery? A qualitative study of learning in the operating room". Jensen, RD., Seyer-Hansen, M., Cristancho, S., Christensen, MK. Medical Education, 52,(8).861-876.

"Preparing to meet the patient. Using video cases for teaching clinical psychiatry: A liminal theory perspective". Pedersen, Kamilla. 2018. 143 s.

"Present State Examination: Kort version til klinisk brug". Pedersen, Kamilla; Bertelsen, Aksel; Mors, Ole (Redaktør). 5 udg. København : Munksgaard , 2018. 176 s.

"Determining procedures for simulation-based training in radiology: a nationwide needs assessment". Nayahangan LJ, Nielsen KR, Albrecht-Beste E, Bachmann Nielsen M, Paltved C, Lindorff-Larsen KG, Nielsen BU, Konge L. Eur Radiol. 2018 Jun;28(6):2319-2327.

"Consensus on procedures to include in a simulation-based curriculum in ophthalmology: a national Delphi study". Thomsen ASS, la Cour M, Paltved C, Lindorff-Larsen KG, Nielsen BU, Konge L, Nayahangan LJ. *Acta Ophthalmol.* 2018 Aug;96(5):519-527.

## 2017

"A National Needs Assessment to Identify Technical Procedures in Vascular Surgery for Simulation Based Training". Nayahangan LJ, Konge L, Schroeder TV, Paltved C, Lindorff-Larsen KG, Nielsen BU, Eiberg JP. *Eur J Vasc Endovasc Surg.* 2017 Apr;53(4):591-599.

"Identifying content for simulation-based curricula in urology: a national needs assessment". Nayahangan LJ, Bølling Hansen R, Gilboe Lindorff-Larsen K, Paltved C, Nielsen BU, Konge L. *Scand J Urol.* 2017 Dec;51(6):484-490.

"How Surgeons Conceptualize Talent: A Qualitative Study Using Sport Science as a Lens". Jensen, RD; Christensen, MK., LaDonna, K., Seyer-Hansen, M., Cristancho, S. *Journal of Surgical Education*, 74(6) 992-1000.

"Interprofessionel teamkommunikation og -samarbejde", Akutbogen, Munksgaards Forlag A/S, Paltved,C.

"Designing in situ simulation in the emergency department: Evaluating safety attitudes amongst physicians and nurses". Paltved,C., Musaeus,P. et al. *Advances in Simulation.*

"Students' Learning Experiences from Didactic Teaching Sessions Including Patient Case Examples as Either Text or Video: A Qualitative Study." Pedersen,K., Moeller,M.,Paltved,C. et al. *Academic Psychiatry.*

"Acute pain in the emergency department: Effect of an educational intervention". Friesgaard,K. Paltved,C.,Nikolajsen,L. *Scandinavian Journal of Pain.*

"How Surgeons Conceptualize Talent: A Qualitative Study Using Sport Science as a Lens". Jensen, RD. et al. *Journal of Surgical Education.*

"Evidence-based simulation of hip fracture surgery". Rölfing J, Paltved C. *SICOT.* Cape Town. Oral.

"Complications of volar locking plating of distal radius fractures in 576 patients with 3.2 years follow-up". Thorninger R, Madsen ML, Wæver D, Borris LC, Rölfing JD. *Injury.*

"Volar locking plate surgery fails to restore the anatomy after distal radius fracture". Madsen ML, Wæver D, Rölfing JD, Borris LC, Nagel LL, Henriksen M, Thorninger R. Poster session præsenteret ved DOS 2017, Copenhagen, Danmark.

"Metal wear and corrosion after growth rod instrumentation in children with severe early onset scoliosis". Skov ST, Rölfing JD, Hansen ES, Høy K, Bünger C. Poster session præsenteret ved PhD Day 2017, Aarhus, Danmark.

"Resistance to group clinical supervision: A semistructured interview study of nonparticipating mental health nursing staff members". Buus, N, Delgado, C, Traynor, M, Gonge, H. *International Journal of Mental Health Nursing.*

## 2016

"Identifying Technical Procedures in Pulmonary Medicine That Should Be Integrated in a Simulation-Based Curriculum: A National General Needs Assessment. *Respiration*".

Nayahangan LJ, Clementsen PF, Paltved C, Lindorff-Larsen KG, Nielsen BU, Konge L. 2016;91(6):517-22.

"Insider action research and the microsystem of a Danish surgical ward". Paltved C; Musaeus P. & Morcke AM. *Action Research Journal*.

"Dream Team–The Case of an Undergraduate Surgical Talent Development Project". Jensen, RD et al. *Journal of Education and Training Studies*, Bind 4, Nr. 4, 30.01.2016, s. 132-141.

"Optagelsessamtaler på medicin-studiet ved Aarhus Universitet: En pilottest af et Multiple Mini Interview (MMI)". Andreassen, P et al. Center for Sundhedsvidenskabelige Uddannelser, Aarhus Universitet, 2016. 75 s.

"Dream Team – The Case of an Undergraduate Surgical Talent Development Project". Jensen, RD. et al. *Journal of Education and Training Studies*.

"Establishing Team Psychological Safety in Simulation-Based Training". Slot S. Master project. Danish School of Education - Aarhus University.

"Kronisk hofteluksation som følge af ubehandlet hoftedysplasi". Rölfing, JD. *Ugeskrift for Læger*, 2016.

Aarhus Regenerative Orthopaedics Symposium (AROS): "Regeneration in the ageing population". Foldager, CB et al. *Acta Orthopaedica*.

"In vivo drug release behavior and osseointegration of a doxorubicin-loaded tissue-engineered scaffold". Sun M et al. *RSC Advances*.

"Ageing in the musculoskeletal system". Roberts S, Colombier P, Sowman A, Mennan C, Rölfing JD, Guicheux J, Edwards J. *Acta Orthopaedica*.

"The ageing skeleton-cellular function and dysfunction throughout life". Robers S et al. *Acta Orthopaedica*.

"Dental pulp-derived stem cells exhibit a higher osteogenic potency than bone marrow-derived stromal cells in vitro and in a porcine critical-size bone defect model". Jensen J et al. *SICOT-J*.

"Developing and implementing 'meta-supervision' for mental health nursing staff supervisees: opportunities and challenges". Buus, N, Lynch, L, Gonge, H. *The Cognitive Behaviour Therapist*, 9.

"Exploring Organizational Barriers to Strengthening Clinical Supervision of Psychiatric Nursing Staff: A Longitudinal Controlled Intervention Study". Gonge, H, Buus, N. *Issues Ment Health Nurs*, 37(5), 332-343.