

# CURRICULUM VITAE

Last updated 2 February 2023

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## EDUCATION

- 2022 **Doctor of Medicine (MD)/Master of Science in Medicine (MSc), Aarhus University, Aarhus, Denmark**  
Master thesis: *Evaluation of single-dose cefuroxime pharmacodynamics and concentrations in the spinal cord, cerebrospinal fluid, and epidural space in relation to spine surgery – an experimental porcine study.* Grade: 12.
- 2019 **Bachelor of Science in Medicine (BSc), Aarhus University, Aarhus, Denmark**  
Bachelor thesis: *A new intelligent stocking for continuous quantification of edema in the lower limbs.* Grade: 12.

## EMPLOYMENTS AND WORK EXPERIENCE (PAID WORK)

- Feb 2023 – **First-year Medical Doctor Resident**, General practitioner, Lægerne Gasvej 5, Horsens, Denmark. Clinical education (KBU), part 2. Full-time.
- Feb 2023 – **Medical Doctor, external substitute**, Department of Emergency Medicine, Horsens Regional Hospital, Horsens, Denmark. Part-time.
- Aug 2022 – **First-year Medical Doctor Resident**, Department of Emergency Medicine, Horsens Regional Hospital, Horsens, Denmark. Clinical education (KBU), part 1. Primarily as *forvagt* but also shifts as *mellemvagt*. Full-time.
- Jan 2023
- July 2022 **Research Assistant**, Dept. of Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark. Full-time.
- Mar 2021 – **Course Assistant**, Danish Health Authority and Dept. of Clinical Medicine, Aarhus University, Aarhus, Denmark. Anaesthesia and surgical preparation in postgraduate courses in surgery. Part-time.
- July 2022
- Jun 2020 – **Research Assistant**, Dept. of Cardiothoracic Surgery, Sahlgrenska University Hospital, Gothenburg, Sweden. Full-time.
- Aug 2020
- Apr 2020 – **Intensive Care/Medical Ventilation Assistant (VT)**, Central Region Denmark. 32 hours at Intensive Department taking care of COVID-19 patients in ventilator. Part-time.
- July 2022
- Sep 2018 **Instructor**, The Student Counsellors' Office, Faculty of Health, Aarhus University, Aarhus, Denmark. Teaching study techniques for 1<sup>st</sup> semester students. Part-time.
- May 2018 – **Research Assistant**, Dept. of Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark. Part-time.
- Jan 2019
- July 2017 – **Website Administrator** (own company and employment). Design, SEO, content production, and participating in board meetings for Scandinavian Association of Thoracic Surgery (satsnordic.com), Danish Society of Cardiothoracic Surgery (thoraxkirurgi.dk), Danish Research Center for Cancer Surgery (acrobatic.dk), Department of Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark (ctvs.au.dk), Advokaterne Sankt Knuds Torv P/S (aalborgadvokaten.dk), and Psychologist Kirstine Nielsen (kirstinenielsen.dk). Part-time.
- May 2014 – **Assistant in Surgery and Nursing Assistant (SPV)**, Central Region Denmark and North Denmark Region. More than 500 hours as primary assistant in orthopaedic surgery, primarily spine surgery but also shoulder, hip, ankle, leg and feet surgery. In addition, more than 100 hours of nursing experience at somatic and psychiatric patients. Part-time.
- July 2022
- May 2012 **Teaching Assistant**, Aalborg Katedralskole, Aalborg, Denmark. Teaching second class of General Upper Secondary Education in danish lyrics. Part-time.

## VOLUNTEER WORK, BOARD MEMBERSHIPS, COMMITTEE WORK AND POSITIONS IN WORKGROUPS

- 2020 – **Website Manager and participation in Board Meetings, Scandinavian Association of Thoracic Surgery (SATS).**
- 2020 – **Initiator and Project Manager of Medical Research Hub.** Production of an online portal for scientific research in the field of health science in collaboration with Department of Clinical Medicine, Aarhus University, Denmark.  
[www.medicalresearchhub.au.dk/about/steering-committee](http://www.medicalresearchhub.au.dk/about/steering-committee)

- 2018 – **Vice President (2022-now), Website Administrator (2019-now), Secretary General (2019-2022), and member of the Organizing Committee (2018-now), Scandinavian Society for Research in Cardiothoracic Surgery (SSRCTS).** Organization of the 29<sup>th</sup>, 30<sup>th</sup> and 31<sup>th</sup> Annual Meeting. [www.ssrctsnordic.com/about/organizing-committee](http://www.ssrctsnordic.com/about/organizing-committee)
- 2017 – 2022 **Board Member (2017-2019, 2020-2022) and Secretary of the Board (2019-2020), Society of Medical Student Research (SMS).** Organization of the 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>, and 13<sup>th</sup> Danish Congress of Medical Student Research, Dyreeksperimentelt forskningskursus (introduction to laboratory animal science) 2017, 2018, and 2019, and Health Match Making Day 2019. Design and production of the website [www.studenterforskning.dk](http://www.studenterforskning.dk). Participation and preparation of minutes for meetings with the head of the departments and the dean's office.
- 2012 – 2013 **President (2012-2013) and Vice President (2011-2013), Student Association of Aalborg Katedralskole**
- 2011 – 2013 **Board Member of the Board of Aalborg Katedralskole**

## RESEARCH EXPERIENCE

- 2016 – **Affiliated Researcher, Dept. of Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark.** Involved in clinical, experimental, and epidemiologic research in the field of cardiac surgery.
- 2022 **Research Assistant**, Dept. of Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark.
- 2021 – **Preparations for PhD study** on current practices and long-term outcome of myocardial revascularization. Supervisor: Assoc. Prof., Senior Consultant Ivy Susanne Modrau, MD.
- 2020 Selected to represent Dept. of Cardiothoracic and Vascular Surgery as young researcher during development of the new research strategy at Aarhus University Hospital.
- 2020 **Research Assistant**, Dept. of Cardiothoracic Surgery, Sahlgrenska University Hospital, Gothenburg, Sweden. Project Manager: Deep Sternal Wound Infection Following Cardiac Surgery. Supervisor: Prof., Senior Consultant Anders Jeppsson, MD PhD.
- 2019 **Research stay abroad**, Dept. of Cardiothoracic Surgery, Landspítali University Hospital, Reykjavik, Iceland. Project Manager: Deep Sternal Wound Infection Following Cardiac Surgery. Supervisor: Prof., Senior Consultant Tomas Gudbjartsson, MD PhD.
- 2019 **Participated as contributor** in PhD project: In vivo evaluation of pulmonary cusp repair in a porcine model. PhD Student: Lisa Carlson Hanse, MD.
- 2018 – 2019 **Research Assistant**, Dept. of Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark. Project Manager of Evaluation of a New Intelligent Stocking for Quantification of Edema in the Lower Legs (see below).
- 2016 – 2018 **Project Manager** of Evaluation of a New Intelligent Stocking for Quantification of Edema in the Lower Legs. Responsible for preparations (study protocol, funding, approval from the local Regional Ethical Committee (VEK), Danish Medicines Agency and Danish Data Protection Agency) and execution (data collection and statistics). Supervisor: Prof. J. Michael Hasenkam, MD DMSc.
- 2020 – 2022 **Research collaboration** with Dept. of Orthopaedic Surgery, Aarhus University Hospital, Aarhus, Denmark. Project Manager at experimental project about evaluation of cefuroxime concentrations in the lumbar spine and tissue of the central nervous system in a porcine model with microdialysis. Responsible for practical preparations, incl. study protocol, as well as execution of the research (data collection and statistics). Supervisor: Assoc. Prof. Kristian Høy, MD PhD.
- 2015 **Participated as contributor** in PhD project: Evaluation of robot-assisted laparoscopic vs open cystectomy in a porcine model. PhD Student: Pernille Skjold Kingo, MD.

## PUBLICATIONS

### Original articles

- 1) **Kaspersen AE**, Hanberg P, Hvistendahl MA, Bue M, Schmedes AV, Høy K, Stilling M. Evaluation of cefuroxime concentration in the intra- and extrathecal compartments of the lumbar spine – an experimental porcine study. *British Journal of Pharmacology*. 2023 Jan 29. DOI: [10.1111/bph.16045](https://doi.org/10.1111/bph.16045).
- 2) Hvistendahl MA, Hanberg P, Stilling M, **Kaspersen AE**, Høy K, Bue M. Subtherapeutic perioperative levels of cefuroxime inside a cannulated pedicle screw used in spine surgery – results from a porcine microdialysis study. *Acta Orthopaedica*. 2022 Nov 28;93:874-879. DOI: [10.2340/17453674.2022.5276](https://doi.org/10.2340/17453674.2022.5276).

- 3) Hvistendahl MA, Bue M, Hanberg P, **Kaspersen AE**, Schmedes AV, Stilling M, Høy K. Cefuroxime concentrations in the anterior and posterior column of the lumbar spine – an experimental porcine study. *The Spine Journal*. 2022 Jun 6;22(9):1434-1441. DOI: [10.1016/j.spinee.2022.05.010](https://doi.org/10.1016/j.spinee.2022.05.010).
- 4) **Kaspersen AE**, Nielsen SJ, Orrason AW, Petursdottir A, Sigurdsson MI, Jeppsson A, Gudbjartsson T. Short- and long-term mortality after deep sternal wound infection following cardiac surgery: experiences from SWEDEHEART. *European Journal of Cardio-Thoracic Surgery*. 2021 Jul 30;60(2):233-241. DOI: [10.1093/ejcts/ezab080](https://doi.org/10.1093/ejcts/ezab080).

#### Reviews

- 5) **Kaspersen AE**, Hasenkam JM, Leipziger JG, Djurhuus JC. [Introduction on how to write a scientific abstract]. *Ugeskrift for Læger*. 2019 May 20;181(21):V02190103. DOI: [ugeskriftet.dk/videnskab/introduktion-til-skrive-et-videnskabeligt-abstract](https://doi.org/10.1093/ejcts/ezab080).

#### Conference abstracts

- 6) **Kaspersen AE**, Hanberg P, Hvistendahl MA, Bue M, Schmedes AV, Høy K, Stilling M. Evaluation of single-dose cefuroxime concentrations in the spinal cord, cerebrospinal fluid, and epidural space in relation to lumbar spine surgery: An experimental porcine study. *Brain and Spine*. 2022 Oct, Volume 2, Supplement 1. DOI: [10.1016/j.bas.2022.101083](https://doi.org/10.1016/j.bas.2022.101083).
- 7) Hvistendahl MA, Bue M, Hanberg P, **Kaspersen AE**, Schmedes A, Stilling M, Høy K. 10. Incomplete cefuroxime penetration to the anterior and posterior column of the lumbar spine: an experimental porcine study. *The Spine Journal*. 2022 Sep 1;22(9):S5, Supplement. DOI: [10.1016/j.spinee.2022.06.024](https://doi.org/10.1016/j.spinee.2022.06.024).

#### AWARDS AND PRIZES

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|------|--|
| 2022 | <b>Young Scientist Award, 70th Annual Meeting in Scandinavian Association of Thoracic Surgery / 13th Joint Scandinavian Conference in Cardiothoracic Surgery.</b> Value: 1,000 Euro.<br><i>Preoperative anemia is associated with increased long-term mortality risk in patients undergoing coronary artery bypass grafting.</i> |
| 2021 | <b>Best Oral Presentation Award, Annual Meeting in Danish Society of Spinal Surgery 2021.</b> Value: 5,000 DKK.<br><i>Evaluation of single-dose cefuroxime concentrations in the spinal cord, cerebrospinal fluid, and epidural space in relation to lumbar spine surgery – an experimental porcine study.</i>                   |
| 2019 | <b>Best Poster Presentation Award, 68th Annual Meeting in Scandinavian Association of Thoracic Surgery / 11th Joint Scandinavian Conference in Cardiothoracic Surgery.</b> Value: 15,000 SEK.<br><i>Long-term outcome of patients with DSWI following cardiac surgery – preliminary results from the SWEDEHEART registry.</i>    |
| 2012 | <b>Humørlegat, Nøglebroder-Ordenen Christian den Fjerdes Laug, Aalborg, Denmark.</b> Value: 1,000 DKK.<br><i>Awarded to a student at Aalborg Cathedral School who exhibits extraordinary engagement in the social life and strives to unite and include.</i>   |

#### GRANTS AND FUNDING

2023	<b>5,000 DKK</b>	<b>Helga og Peter Kornings Fond, Denmark</b>
2022	<b>15,000 DKK</b>	<b>Else og Mogens Wedell-Wedellsborgs Fond, Denmark</b>
2022	<b>100,000 DKK</b>	<b>Arvid Nilssons Fond, Denmark</b>
2022	<b>11,260 DKK</b>	<b>Torben og Alice Frimodts Fond, Denmark</b>
2022	<b>10,000 DKK</b>	<b>Carl og Ellen Hertz's legat, Denmark</b>
2022	<b>124,415 DKK</b>	<b>Jens Anker Andersen Fonden, Denmark</b>
2022	<b>10,000 DKK</b>	<b>Familien Hede Nielsens Fond, Denmark</b>
2022	<b>7,000 DKK</b>	<b>Helga og Peter Kornings Fond, Denmark</b>
2022	<b>100,000 DKK</b>	<b>A. P. Møller Fonden – Fonden til Lægevidenskabens Fremme, Denmark</b>
2021	<b>200,000 DKK</b>	<b>Inge og Asker Larsens Fond, Denmark</b>
2021	<b>50,000 DKK</b>	<b>Ketty og Ejvind Lyngsbæks Fond, Denmark</b>
2020	<b>4,000 DKK</b>	<b>Helga og Peter Kornings Fond, Denmark</b>

## INVITED TALKS

- 2021 **The Scandinavian Society for Research in Cardiothoracic Surgery (SSRCTS) and international research collaboration as an aspiring scientist.**  
Annual Scientific Meeting in the Swedish Association for Cardiothoracic Surgery (Steningevikmötet) 2021, Stockholm, Sweden. 9 December 2021

## ORAL AND POSTER PRESENTATIONS AT NATIONAL AND INTERNATIONAL CONFERENCES

- 2022 **Poster presentation: EUROSPINE 2022, Milan, Italy.** *Evaluation of single-dose cefuroxime concentrations in the spinal cord, cerebrospinal fluid, and epidural space in relation to spine surgery – an experimental porcine study.* Kaspersen AE, Hanberg PE, Hvistendahl MA, Bue M, Høy K, Stilling M.
- 2022 **Oral presentation: Annual Meeting in Danish Society of Cardiothoracic Surgery, Copenhagen, Denmark.** *Pre-operative anemia is associated with increased long-term mortality risk in patient undergoing coronary artery bypass grafting.* Kaspersen AE, Nielsen SJ, Modrau IS, Heimisdóttir A, Gudbjartsson Jeppsson A.
- 2022 **Oral presentation: 70th Annual Meeting in Scandinavian Association of Thoracic Surgery (SATS) / 13th Joint Scandinavian Conference in Cardiothoracic Surgery, Helsinki, Finland.** Selected for the Young Scientists Award Competition. *Preoperative anemia is associated with increased long-term mortality risk in patient undergoing coronary artery bypass grafting.* Kaspersen AE, Nielsen SJ, Modrau IS, Heimisdóttir A, Gudbjartsson Jeppsson A.
- 2021 **Oral presentation: Annual Meeting in Danish Society of Orthopaedic Surgery/Dansk Ortopædisk Selskab (DOS) 2021, Frederiksbjerg, Denmark.** *Evaluation of single-dose cefuroxime concentrations in the spinal cord, cerebrospinal fluid, and epidural space in relation to spine surgery – an experimental porcine study.* Kaspersen AE, Hanberg PE, Hvistendahl MA, Bue M, Høy K, Stilling M.
- 2021 **Oral presentation: Annual Meeting in Danish Society of Spinal Surgery (DRKS) 2021, Kolding, Denmark.** Selected as the best paper. *Evaluation of single-dose cefuroxime concentrations in the spinal cord, cerebrospinal fluid, and epidural space in relation to spine surgery – an experimental porcine study.* Kaspersen AE, Hanberg PE, Hvistendahl MA, Bue M, Høy K, Stilling M.
- 2021 **Poster presentation: Neuroscience Day 2021, online.** *Evaluation of single-dose cefuroxime concentrations in the spinal cord, cerebrospinal fluid, and epidural space in relation to spine surgery – an experimental porcine study.* Kaspersen AE, Hanberg PE, Hvistendahl MA, Bue M, Høy K, Stilling M.
- 2020 **Oral presentation: 34th Annual Meeting in European Association for Cardio-Thoracic Surgery (EACTS), online.** *Long-term outcome of patients with deep sternal wound infection following cardiac surgery – experiences of 114,869 patients in the SWEDEHEART registry.* Kaspersen AE, Nielsen SJ, Pétursdóttir Á, Sigurðsson MI, Jeppsson A, Guðbjartsson T.
- 2020 **Oral presentation: 30th Annual Meeting in Scandinavian Society for Research in Cardiothoracic Surgery (SSRCTS), Geilo, Norway.** Selected for the Gudbjartsson Award Session. *Long-term outcome of patients with DSWI following cardiac surgery – results from the SWEDEHEART registry.* Kaspersen AE, Nielsen SJ, Pétursdóttir Á, Sigurðsson MI, Jeppsson A, Guðbjartsson T.  
[www.ssrctsnordic.com/wp-content/uploads/2020/02/Abstractbog\\_SSRCTS\\_2020.pdf](http://www.ssrctsnordic.com/wp-content/uploads/2020/02/Abstractbog_SSRCTS_2020.pdf) (page 28, G session 4).
- 2019 **Oral presentation: 3rd Annual Meeting, Dept. of Clinical Medicine, Aarhus University, Aarhus, Denmark.** Selected to present a flash talk. Abstract considered as one of the 20 best out of more than 130 submitted. *Long-term outcome of patients with DSWI following cardiac surgery – preliminary results from the SWEDEHEART registry.* Kaspersen AE, Nielsen SJ, Pétursdóttir Á, Sigurðsson MI, Jeppsson A, Guðbjartsson T.  
[www.medialib.cmcdn.dk/medialibrary/94000E12-7EC6-4C20-82BC-592D64344653/85CC5A3D-B207-EA11-8436-00155D0B0940.pdf](http://www.medialib.cmcdn.dk/medialibrary/94000E12-7EC6-4C20-82BC-592D64344653/85CC5A3D-B207-EA11-8436-00155D0B0940.pdf) (page 10).
- 2019 **Poster presentation: 68th Annual Meeting in Scandinavian Association of Thoracic Surgery (SATS) / 11th Joint Scandinavian Conference in Cardiothoracic Surgery, Stockholm, Sweden.** Selected as the best poster presentation. *Long-term outcome of patients with DSWI following cardiac surgery – preliminary results from the SWEDEHEART registry.* Kaspersen AE, Nielsen SJ, Pétursdóttir Á, Sigurðsson MI, Jeppsson A, Guðbjartsson T.  
[www.mkon.nu/RC\\_Data\\_FMS/Empire\\_data/files/file/SATS.SACTS-Scientific-Session-4-Poster\\_1.pdf](http://www.mkon.nu/RC_Data_FMS/Empire_data/files/file/SATS.SACTS-Scientific-Session-4-Poster_1.pdf) (last page, no. 3064-A-1923).
- 2019 **Oral presentation: Surgical Scientific Congress, Reykjavik, Iceland.** *A new intelligent stocking for quantification of edema in the lower limbs.* Kaspersen AE, Petersen OB, Hasenkam MJ.
- 2019 **Oral presentation: 29th Annual Meeting in Scandinavian Society for Research in Cardiothoracic Surgery (SSRCTS), Geilo, Norway.** *A new intelligent stocking for quantification of edema in the lower limbs* Kaspersen AE, Petersen OB, Hasenkam MJ.  
[www.ssrctsnordic.com/wp-content/uploads/2019/02/SSRCTS\\_2019\\_abstract\\_book.pdf](http://www.ssrctsnordic.com/wp-content/uploads/2019/02/SSRCTS_2019_abstract_book.pdf) (p. 13, oral session 4).

- 2018 **Poster presentation: 28th Annual Meeting in Scandinavian Society for Research in Cardiothoracic Surgery (SSRCTS), Geilo, Norway.** *A new intelligent stocking for quantification of edema in the lower limbs* Kaspersen AE, Petersen OB, Hasenkam MJ. [www.ssrctsnordic.com/wp-content/uploads/2018/11/28th-Annual-Meeting-Programme.pdf](http://www.ssrctsnordic.com/wp-content/uploads/2018/11/28th-Annual-Meeting-Programme.pdf) (page 8, poster session 1).
- 2017 **Poster presentation: 9th Danish Congress of Medical Student Research, Nyborg, Denmark.** *A new intelligent stocking for quantification of edema in the lower limbs.* Kaspersen AE, Petersen OB, Hasenkam MJ. [www.studenterforskning.dk/wp-content/uploads/2017/03/abstractbog\\_2017.pdf](http://www.studenterforskning.dk/wp-content/uploads/2017/03/abstractbog_2017.pdf) (page 45, poster session 3)

#### PARTICIPATION IN CONFERENCES WITHOUT PRESENTATION

- 2020 12th Danish Congress of Medical Student Research, Denmark. [www.studenterforskning.dk/wp-content/uploads/2020/02/AbstractbogKMS2020.pdf](http://www.studenterforskning.dk/wp-content/uploads/2020/02/AbstractbogKMS2020.pdf) (as organizer)
- 2019 11th Danish Congress of Medical Student Research, Sandbjerg, Sønderborg, Denmark. [www.studenterforskning.dk/wp-content/uploads/2019/03/abstractbog\\_KMS19.pdf](http://www.studenterforskning.dk/wp-content/uploads/2019/03/abstractbog_KMS19.pdf) (as organizer)
- 2018 10th Danish Congress of Medical Student Research, Sandbjerg, Sønderborg, Denmark. [www.studenterforskning.dk/wp-content/uploads/2018/03/abstractbog\\_KMS18\\_hp.pdf](http://www.studenterforskning.dk/wp-content/uploads/2018/03/abstractbog_KMS18_hp.pdf) (as organizer)

#### SUPERVISION

- 2022 **Co-supervisor, Master Thesis.** Medical Student Caroline Finderup, BSc.
- 2022 **Co-supervisor, Master Thesis.** Medical Student Rebecca Birkholm Hansen, BSc.
- 2022 **Co-supervisor, Research Project.** Medical Student Lukas Andreas Gløe Schousboe, BSc.

#### TEACHING AND EDUCATIONAL ACTIVITIES

- 2022 **Teaching** of nursing students in clinical cases at Dept. of Emergency Medicine, Horsens Regional Hospital.
- 2022 **Mentor** for four medical students at Dept. of Emergency Medicine, Horsens Regional Hospital.
- 2018 **Teaching** medical students in studying techniques at Department of Clinical Medicine, Aarhus University.

#### COURSES

- 2022 **Practical ultrasound for use in emergency medicine**, Department of Emergency Medicine, Horsens Regional Hospital. 7 hours.
- 2021 **Course in enhancing practical skills in handling COVID-19 patients in the Intensive Care Unit**, Central Region Denmark. 4 hours.
- 2020 **Undergraduate education as Intensive Care/Medical Ventilation Assistant (VT)**, Central Region Denmark. 28 hours, incl. 8 hours of clinical introduction at Intensive Department at Regional Hospital West Jutland, Herning, Denmark.
- 2020 **Undergraduate surgical training/DreamTeam – Part 2.** Assisted in more than 50 abdominal surgical procedures at Randers Regional Hospital, Denmark.
- 2020 **Undergraduate surgical training/DreamTeam – Part 1.** Selected as one of the seven best students to participate in undergraduate surgical training part 2.
- 2019 **Magnetic Resonance Imaging (MRI) safety course**, Department of Radiology, Aarhus University Hospital, Denmark. 2 hours.
- 2016 **Vascular surgery anastomosis course**, Surgical Association of Danish Medical Students (SAKS), Aarhus, Denmark.
- 2015 **Laboratory Animal Science – FELASA category A course**, Aarhus University, Denmark.
- 2014 **Surgical and Procedural Skills Training Course – an introduction to the role as primary assistant in surgery**, Danish Association of Medical Students and Department of Clinical Medicine, Aarhus University, Denmark.
- 2014 **Course in basic suturing techniques**, Surgical Association of Danish Medical Students (SAKS), Aarhus, Denmark.
- 2014 **Undergraduate education as Nursing Assistant (SPV)**, Central Region Denmark and Danish Association of Medical Students. 74 hours, incl. 16 hours of clinical introduction at Aalborg University Hospital, Denmark.

## CLINICAL EXPERIENCE

- 2022 **Medical Doctor, Department of Emergency Medicine, Horsens Regional Hospital, Horsens, Denmark.** Working as Medical Doctor during my first-year residency (klinisk basisuddannelse) treating acute medical and orthopaedic problems, participating in trauma calls and medical emergency calls.
- 2020 **Assistant in surgery, Department of Urology, Aarhus University Hospital, Aarhus, Denmark.** Participation in more than 35 surgical procedures as primary assistant. One transurethral resection of the bladder as primary operator.
- 2020 **Assistant in surgery, Department of Cardiothoracic Surgery, Sahlgrenska University Hospital, Gothenburg, Sweden.** Participation in bypass (CABG) procedures as a part of my employment as Research Assistant.
- 2020 **Intensive Care/Medical Ventilation Assistant (VT), Intensive Department at Regional Hospital West Jutland, Herning, Denmark.** 32 hours of work experience (employments).
- 2020 **Assistant in surgery, Department of Abdominal Surgery, Randers Regional Hospital, Randers, Denmark.** Primary assistant in more than 40 abdominal surgical procedures as part of the undergraduate surgical training course (DreamTeam) part 2.
- 2019 **Assistant in surgery, Department of Cardiothoracic Surgery, Landspítali University Hospital, Reykjavik, Iceland.** Participation in bypass (CABG) procedures as a part of my research stay at Landspítali.
- 2015 **Assistant in surgery, Department of Cardiothoracic Surgery, Aalborg University Hospital, Aarhus, Denmark.** Participation in bypass (CABG) procedures and removal of lung tumours.
- 2014 – 2022 **Nursing assistant, different departments in different hospitals.** More than 100 hours of work experience (employments).
- 2014 – 2022 **Assistant in surgery, Department of Orthopaedic Surgery, Aarhus University Hospital, Aarhus, Denmark.** More than 500 hours as primary assistant in orthopaedic surgery (employments).
- 2010 – 2013 **Assistant in surgery, Department of Orthopaedic Surgery, Aalborg University Hospital, Aalborg, Denmark.** Assistant/observant in 15 surgical procedures on the spine, shoulders, hips and knees.

## IT COMPETENCES

- Advanced level **SAS statistical analysis software.** Programming of complex procedures such as mixed models, cox regression and hazard analyses.
- Advanced level **Microsoft Office (Word, Excel, PowerPoint).** Production of papers, reports, presentations, etc.
- Advanced level **CSS, HTML, PHP programming.** Experience in CMS systems like WordPress and TYPO3. Programming of websites including backend management systems for multiple users.
- Experienced level **Stata statistical analysis software.** Programming simple procedures and more complex procedures such as complex models.
- Experienced level **R statistical analysis software.** Programming of simple procedures.
- Experienced level **LaTeX.** Programming of dissertations and theses.
- Experienced level **REDCap.**

## MEMBERSHIPS

- 2022 – **Scandinavian Association of Thoracic Surgery (SATS),** international.
- 2022 – **Danish Medical Association (Lægeforeningen),** Denmark.
- 2022 – **Danish Society of Cardiothoracic Surgery (DTS),** Denmark.
- 2021 – **European Association for Cardio-Thoracic Surgery (EACTS),** international.
- 2018 – **Scandinavian Society for Research in Cardiothoracic Surgery (SSRCTS),** international.
- 2017 – 2022 **Society of Medical Student Research (SMS),** Denmark.
- 2014 – 2022 **Surgical Association of Danish Medical Students (SAKS),** Denmark.
- 2014 – 2022 **Danish Association of Medical Students (FADL),** Denmark.