

**Personal Data:**

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**Nationality** Swedish  
**Day of birth** 7<sup>th</sup> July 1958

**Education:**

- **Associate Professor of Surgery:** Gothenburg University, Sahlgrenska Academy, 2009- present
- **PhD, Endocrine surgery:** Gothenburg University, Sahlgrenska Academy, June 2004  
"Diagnostic and Therapeutic Aspects on Adrenocortical Carcinoma and Pheochromocytoma",
- **Specialist in General surgery:** NÄL Hospital, Region Västra Götaland, Sweden 1994
- **Licensed physician:** National Swedish Board of Health and Welfare 1989
- **Medical exam:** University of Gothenburg, Sweden, Sept 1982-Jan 1988

**Educational positions:**

- **Course Director.** Disaster Medicine, Sahlgrenska University Hospital, 2023-Present
- **Senior Researcher,** Institute of Health, and Care Sciences, Learning and Leadership for Healthcare Professionals, Sahlgrenska Academy, Gothenburg University, 2021- 2023
- **Senior University lecturer in Disaster Medicine & Trauma.** Institute of Clinical Sciences, Sahlgrenska Academy, Gothenburg University, 2009- present
- **Visiting Professor:** Department of Emergency Medicine, Faculty of Medicine, Mahidol University, Bangkok, Thailand, 2019-2020
- **Teaching/Visiting Professor,** Department of Disaster and Emergency Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2016-2020
- **HR Professor,** Department of Civil Protection and Public Administration, Kyiv, Ukraine, 2015-2017
- **Visiting Professor,** National Institution of Emergency Medicine of Thailand, Bangkok, and Prince Songkhla University, Hat Yai, Thailand. 2014- 2018

**Pedagogic Courses:**

- LearnAble, Gothenburg University and Sahlgrenska academy, Gothenburg, Sweden, 2009
- Higher education pedagogic in medical science, University of Gothenburg, Sweden, 2009
- ALSG, UK, Generic Course, faculty member, PKMC Gothenburg, Sweden, 2007
- Trauma instructor and lecturer, faculty member, ATLS Linköping, Sweden, 2005
- Health Pedagogic, University of Gothenburg, Sweden, 2002
- Pedagogic, Faculty of Medicine, University of Gothenburg, Sweden, 2000

- Mentorship for interns and surgical residents, Sahlgrenska University Hospital, Sweden, 1998
- Problem-based teaching for medical students, Sahlgrenska University Hospital, Sweden, 1996

### Leadership Courses:

- Leadership and strategic thinking, School of Business, Economics & Law, Gothenburg University, Sweden, 2007
- Leadership & administration, Sahlgrenska University Hospital & Swedish Medical Association, Gothenburg, Sweden, 2004
- Process-based leadership, University of Gothenburg, Gothenburg, Sweden, 2001-2002
- Leadership and competency, Sahlgrenska University Hospital, Gothenburg, Sweden, 2001-2002

### Research Courses:

- Clinical trial and evaluation, Swedish Academy of Pharmaceutical Sciences, Sweden, 2003
- Medical Statistics, University of Gothenburg, Sweden, 1998
- Presentation of research articles, University of Gothenburg, Sweden, 1998
- Information and research methodic, University of Gothenburg, Sweden, 1998
- Ethics in research, University of Gothenburg, Sweden, 1998
- Computers, word, excel. LS Data partner AB, Vänersborg, 1995

### Surgical/Medical Courses:

- Medical Response to Major Incidents (MRMI), PKMC, Gothenburg, Sweden, 2009
- Major Incident Medical Management and Support (MIMMS), PKMC, Gothenburg, Sweden, 2007
- Advanced Pediatric Life Support (APLS), PKMC, Gothenburg, Sweden, 2005
- Advanced Trauma Life Support, ATLS Sweden, Gothenburg, Sweden, 2001
- Trauma Surgery, Sahlgrenska University Hospital, Gothenburg, Sweden, 2001
- Regional course in trauma and war surgery, Gothenburg, Sweden, 1992
- Upper gastrointestinal surgery, Uppsala, Sweden, 1991
- Gastrointestinal Surgery, Linköping, Sweden, 1991
- Colorectal surgery, Gothenburg, Sweden, 1991
- Trauma Surgery, Umeå, Sweden, 1991
- Surgical pathophysiology, Uppsala, Sweden, 1990

### Professional experiences:

- **Executive Board Member**, Gothenburg Emergency Medicine Research Group (GEMREG), Gothenburg, Sweden, 2016-Present
- **Research Advisor**, Swedish Armed Forces Center for Defense Medicine (SAFCDM), Gothenburg, Sweden, 2019-2022
- **Regional Medical & Research Advisor**, Unit of Security and Preparedness (Former Prehospital and

Disaster Medicine Centre, PKMC), Gothenburg, Sweden, 2007- 2019

- **Consultant trauma and emergency medicine**, Nordic Medical Services, Erbil, **Iraq**, 2012
- **Co-chair**, Department of Urology, Sahlgrenska University Hospital, Gothenburg, Sweden, 2009- 2010
- **Chair**, Departments of General, Urology, and Orthopedic Surgery, Kungälv Hospital, Kungälv, Sweden, 2005- 2009
- **Chair**, Emergency Department, Kungälv Hospital, Kungälv, Sweden, 2005-2008
- **Board member, Executive Board**, Emergency department Sahlgrenska University Hospital, Gothenburg, Sweden, March 2004 – March 2005
- **Chief consultant Trauma surgery**: Sahlgrenska University Hospital, Gothenburg, Sweden, 2001- 2005
- **Staff administrator officer**: Sahlgrenska University Hospital, Gothenburg, Sweden, 1998-2001
- **Endocrine surgery**: Sahlgrenska University Hospital, Gothenburg, Sweden, 1996-2001
- **British General Medical Council**: Full Registration Certificate, **UK**, 1995
- **Specialist in general surgery**: Kungälv Hospital, Greater Gothenburg, Sweden, 1994-95
- **Licensed general surgeon**: Maseno Hospital, Maseno, **Kenya**, 1994

### Teaching experiences/areas:

- **University lecturer Disaster and Emergency Medicine**, Gothenburg University (GU), Sweden, 2016- present
- **Course Director MRMI** (Medical Response to Major Incidents), an international course on disaster medicine, **National and International**, September 2012- present
- **Lecturer 3LC** (Three Level Collaboration) courses, **National and International**, 2014- present
- **Lecturer Disaster Medicine** for nursing students and global health courses, GU, Sweden, 2012- present
- **Lecturer Medicine for Engineers**, Chalmers University, Gothenburg, Sweden, 2010-14
- **Lecturer MRMI** (Medical Response to Major Incidents), an international course on disaster medicine, **National and International**, 2009 – present
- **Lecturer ALSG (MIMMS, HMIMMS, etc.)**, Prehospital and disaster medicine center (PKMC), Gothenburg, Sweden, 2008- 14
- **Lecturer ATLS**, ATLS Sweden, 2005- 10
- **Lecturer, Intercultural Healthcare and Communication**, Sahlgrenska University Hospital (SUH), Gothenburg, Sweden, 2001- 10
- **Lecturer, General Surgery**, College of Health Sciences, SUH, Gothenburg, Sweden, 2002-05
- **Chair, board of education, non-Swedish physicians**, faculty of medicine, GU, Gothenburg, Sweden, 2000-01
- **Director of studies, non-Swedish physicians**, faculty of medicine, GU, Gothenburg, Sweden, 2000-01
- **Director of studies, Foreign medical students**, faculty of medicine, GU, Gothenburg, Sweden, 2001-02
- **Director of studies, internships, and surgical residency programs**, SUH, Gothenburg, Sweden, 2000
- **Co-director and course administrator in surgery**, faculty of medicine, GU, Gothenburg, Sweden, 2000- 01
- **Tutor, surgical residency program**, SUH, Gothenburg, Sweden, 1999-2004
- **Teaching assistant in endocrine surgery**, SUH, Gothenburg, Sweden, 1996-98

**Membership:**

- Asian Collaboration for Trauma (ACT)
- Gothenburg Emergency Medicine Research Group (GEMREG)
- Disaster Medicine Center, Gothenburg University (DMC)
- RADEM (Research Alliance in Disaster and Emergency Medicine)

**Projects:****Current:**

- Flexible Surge Capacity, and Immediate Responders (International)
- Multidisciplinary Educational Initiatives, (International)
- Ethical dilemmas in wars and disasters, (International)
- Translational Triage Tool, (International)
- Hospital Safety Index and Evacuations plan, (International)
- Patient-Centered Care in Disasters, (International)
- Spontaneous Mass Gatherings, (International)

**Past:**

- Development of Emergency Management & Preparedness Training for Youth, 2016-2017
- Development of Ukrainian Training Academy, DG ECHO, European Union, 2016-17
- Development of Risk analysis instrument for mass gathering, Sweden, 2016-17
- Implementation of Thai SiMM "Thai Simulation in Mass Casualty Management". Thailand, 2013-16
- Development of European "Disaster Teaching Curriculum", European Union, 2011-13
- Estimation of healthcare resources at sporting events, PKMC, Sweden, 2009
- Emergency and disaster management registry, PKMC, Sweden, 2008
- Critical observation unit, Kungälv Hospital, Kungälv, Sweden, 2006
- Step-Down" trauma unit, Sahlgrenska University Hospital, Sweden, 2003
- Interaction and communication in healthcare, Department of Linguistics, Sweden, 2002- 2007
- Supporting educational course for non-Swedish physicians, Sweden, 2000-2001

**Research area (current):**

- Translational Triage Tool (PRESENT)
- Civilian-Military Collaboration (CMC), (PRESENT)
- Flexible Surge Capacity (PRESENT)
- Public Health and Preparedness (PRESENT)
- Preparedness, Triage, Hospital Evacuation and Emergency response to major incidents, Clinical and experimental research (PRESENT)
- Disaster Medicine and Trauma, Clinical Research (PRESENT)
- Prehospital Healthcare and patient safety (PRESENT)
- Mass gathering (PRESENT)
- Disaster and Emergency Simulation Training for Youth (PRESENT)
- Post-operative adhesion, Clinical and experimental research (2004-2008)

- **Cancer signaling**, Clinical and experimental research (2002-2008)
- **Adrenal tumors**, clinical, pathological, and experimental studies on Adrenal tumors (1996-2006)

### **International and National Activities**

- Arranging the National Disaster and Military Conference in Sweden in September 2021
- Arranging the first “Mass Gathering Conference” in Sweden, 27-28 November 2017
- Representing Gothenburg University in Southeast Asian countries and promoting disaster management education and courses
- Establishing MOU with Mahidol University and the National Institute of Emergency Medicine, Bangkok, Thailand
- Assisting the development of the Ph.D. program in disaster medicine at Shiraz University of Medical Sciences
- Establishing a new program in disaster management, financially supported by the EU, in Kharkiv, Ukraine
- Teaching activities globally

### **Journal Reviewer**

- Disaster Medicine and Public Health Preparedness
- Bulletin of Emergency and Trauma
- Hospital administration
- PLoS One
- Acta Scandinavica Anesthesiology
- Sustainability
- Healthcare
- International Journal of Environmental Research and Public Health
- BMC Public Health
- Scandinavian Journal of Trauma, Resuscitation, and Emergency Medicine
- Journal of Emergency Management
- Others

### **Journal Editor**

- Disaster Medicine and Public Health Preparedness (Deputy Editor), 2020-2023

### **Publications and Presentation:**

#### **Books:**

1. Amir Khorram-Manesh. *“Diagnostic and Therapeutic Aspects on Adrenocortical Carcinoma and Pheochromocytoma”* Vasastadens Bokbinderi AB., Gothenburg, 2004. ISBN: 91-628-6036-4
2. Khorram-Manesh A. *Handbook of Disaster and Emergency Management (First Edition)*. Kompendiet, Gothenburg, 2017. ISBN 978-91-639-3200-7.
3. Phatthranit Phattharapornjaroen, Amir Khorram-Manesh. *ICS manual. Emergency Medicine*. Mahidol University, Faculty of Medicine, Ramathibodi Hospital, Bangkok, Thailand. ISBN: 978-616-443-332-8
4. Amir Khorram-Manesh, Frederick M Burkle. *Disasters and Public Health Emergencies - Current*

- Perspectives in Preparedness and Response*. MDPI, Basel, Switzerland, 2020. ISBN 978-3-03943-681-1 (Hbk) & ISBN 978-3-03943-682-8 (PDF). <https://www.mdpi.com/books/pdfview/book/3204>
5. Prasit Wuthisuthimethawee and Amir Khorram-Manesh. *Emergency and Disaster Management in Thailand*. National Institute for Emergency Medicine in Thailand. Prince of Songkla University, Thailand, 2021. ISBN 978-616-271-668-3.
  6. Amir Khorram-Manesh, Krzysztof Goniewicz, Attila Hertelendy, Maxim Dulebenets. *Handbook of Disaster and Emergency Management (Second Edition)*. Kompendiet, Gothenburg, 2021. ISBN: 978-91-527-0705-0, eISBN: 978-91-527-0706-7. [https://zenodo.org/record/5553076#.YX3M\\_vlBxPY](https://zenodo.org/record/5553076#.YX3M_vlBxPY)
  7. Yohan Robinson, Amir Khorram-Manesh, Per Örtengren. *Introduktion i militärmedicin (Introduction in Military Medicine)* (Swedish). Studentlitteratur, 2022.
  8. Amir Khorram-Manesh, Krzysztof Goniewicz. *Multiagency Approach to Disaster Management, Focusing on Triage, Treatment, and Transport*. MDPI, Basel, Switzerland, 2023. ISBN 978-3-0365-7706-7 (Hbk) ISBN 978-3-0365-7707-4 (PDF)

#### Book chapters:

1. *How do non-Swedish physicians communicate with their Swedish patients and colleagues?* In: Bridges of Understanding. Eds: Øyvind Dahl, Iben Jensen, Peter Nynäs. Oslo Academic Press, 2006.
2. *Learning to respect diversity, gender equality, and collaboration: A childhood agenda or the content of a leadership development program?* In Disaster, Diversity and Emergency Preparation. Ed: Magnussen LI. IOS Press, 2019.
3. *Disaster Management and Emergency Preparedness in Low- and Middle-Income Countries*. In: Encyclopedia of Evidence in Pharmaceutical Public Health and Health Services Research in Pharmacy. Springer, Cham. [https://doi.org/10.1007/978-3-030-50247-8\\_38-1](https://doi.org/10.1007/978-3-030-50247-8_38-1), 2022
4. *Challenges in Mass Casualty Management*. Mahidol University Publication. <https://drive.google.com/file/d/1v69sPZRCrd02qfgA7oAGtgIgf0arRk8/view?pli=1>. pp. 85–97. 2021.

#### Articles in Medical Journals

1. Adrenocortical carcinoma: Surgery and Mitotane for treatment and Urinary steroid profile for follow-up. W J S 1998; 22 (6): 605-11
2. Cytotoxic treatment of adrenocortical carcinoma. W J S 2001; 25 (7): 927-33. Review
3. N-Cadherin expression in adrenal tumors: Up-regulation in malignant pheochromocytoma and downregulation in adrenocortical carcinoma. Endocr Pathol 2002; 13 (2): 99-110
4. Mortality associated with pheochromocytoma. Eur J Surg Oncol 2004; 30 (5): 556-9
5. Long-term outcome of a large series of patients surgically treated for pheochromocytoma. J Intern Med. 2005; 258 (1): 55-66
6. The effect of opioids on the development of postoperative intra-abdominal adhesions. Dig Dis Sci. 2006; 51(3): 560-5
7. Mortality associated with Pheochromocytoma: Increased risk for additional tumors. Ann. N.Y. Acad. Sci. 2006; 1073: 444–448
8. Treatment of Bilateral Pheochromocytoma and Adrenal Medullary Hyperplasia. Ann. N.Y. Acad. Sci. 2006; 1073: 429–435
9. Malignant Pheochromocytoma in a Population-Based Study. Survival and Clinical Results. Ann. N.Y. Acad. Sci. 2006; 1073: 512–516



10. Effect of intercostal neural blockade with Marcaine (bupivacaine) on postoperative pain after Laparoscopic cholecystectomy. *Surg Endosc* 2007; 1 (9): 1557-1559
11. Triple non-invasive diagnostic test for exclusion of common bile duct stones before laparoscopic cholecystectomy. *W J Gastroenterology* 2007; 13 (43): 5745-5749
12. Functional expression of Mu-opioid receptor subtype in the human colon cancer cell line, HT-29. *Dig Dis Sci* 2008; 53 (2): 461-466
13. Expression of the endogenous, nicotinic acetylcholine receptor ligand, SLURP-1, in human colon cancer. *Auton Autacoid Pharmacol.* 2008; 28(4):109-16
14. Is acetylcholine an autocrine/paracrine growth factor via the nicotinic alpha7-receptor subtype in the human colon cancer cell line HT-29? *Eur J Pharmacol.* 2009; 609 (1-3): 27-33
15. Nicotine-induced modulation of SLURP-1 expression in human colon cancer cells. *Auton Neurosci.* 2009; 148 (1-2): 97-100
16. Randomized clinical trial of antibiotic therapy versus appendectomy as primary treatment of acute appendicitis in unselected patients. *Br J Surg.* 2009; 96 (5): 473-81
17. Management of hepatic portal venous gas and pneumatosis intestinalis in critically sick adult patients. *Scand J Gastroenterol.* 2009; 1: 1-2
18. Hospital-related incidents; causes and their impact on disaster preparedness and prehospital organizations. *Scand J Trauma Resusc Emerg Med.* 2009; 3; 17 (1): 26
19. Regional coordination in medical emergencies and major incidents; plan, execute, and teach. *Scand J Trauma Resusc Emerg Med.* 2009; 20; 17 (1): 32
20. Management of traumatic liver injuries? A retrospective review of 228 consecutive cases. *Prehospital Disaster Med* 2009; 24 (4): 349-355
21. Nuclear expression of mu-opioid receptors in a human mesothelial cell line. *Auton Autacoid Pharmacol* 2009; 29: 165-170
22. Impact of hospital-related disturbances on disaster preparedness. *ICU Management* 2009; 3: 13-15 (<http://www.icu-management.org/>)
23. Pandemic in the ICU. *ICU Management* 2009; 3: 16-17 (<http://www.icu-management.org/>)
24. Surge capacity in a cost-effective healthcare system. *ICU Management* 2009; 3: 34-35 (<http://www.icumanagement.org/>)
25. Prioritizing: Is it the way to counter today's economic crisis within the healthcare system? *ICU Management* 2009/2010; 4: 35-36 (<http://www.icu-management.org/>)
26. Prehospital Triage, the discrepancy between the emergency medical dispatch center and ambulance crews. *Euro J Trauma Emerg Surg* 2010; 37: 73-78
27. The long-term survival in adrenocortical carcinoma with active surgical management and use of monitored mitotane. *Endocr Relat Cancer.* 2010;17: 265-72
28. A pharmacological analysis of the cholinergic regulation of urokinase-type plasminogen activator secretion in the human colon cancer cell line, HT-29. *Eur J Pharmacol.* 2010; 646: 22-30
29. Estimation of healthcare resources at sporting events. *Prehosp Disaster Med.* 2010; 25:449-55
30. Triage. *ICU Management* 2010/2011; 4: 6-7 (<http://icu-management.org/>)
31. Is acetylcholine a signaling molecule for human colon cancer progression? *Scand J Gastroenterol.* 2011; 46: 446-55
32. Prehospital and Disaster Medicine Centre: A center for planning, training, and management of major

- incidents. *ICU Management* 2011; 11: 44-46
33. Avoiding disasters: a tool for estimating the needs of healthcare resources at sporting and other public events. *ICU Management* 2011; 11 (3): 38-39 (<http://icu-management.org/>)
  34. Comparative study of physiological and anatomical triage in major incidents using a new simulation model. *Am J Disaster Med.* 2011; 6 (5): 289-98
  35. Disaster Medicine in Thailand; A Current Update. Are We Prepared? *J Med Assoc Thai.* 2012; 95 (1): 42-50
  36. Validation of the Swedish Emergency Medical Index in trauma patients. *JEDM*, 2013; 2 (1)
  37. Hospital evacuation; planning, assessment, performance, and evaluation. *JEDM*, 2013; 2 (1)
  38. An Overview of Shiraz Emergency Medical Services, Dispatch to Treatment. *IRCMJ*, 2013; 15 (9): 823-8
  39. Hospital Evacuation; Learning from the Past? Flooding of Bangkok 2011. *BJMMR*, 2014; 4 (1)
  40. A model to select patients who may benefit from antibiotic therapy as the first-line treatment of acute appendicitis at a high probability. *J Gastrointest Surg.* 2014;18 (5): 961-7
  41. Development and evaluation of a new simulation model for interactive training of the medical response to major incidents and disasters. *Eur J Trauma Emerg Surg.* 2014; 40 (4): 429-43
  42. Education and training initiatives for crisis management in the European Union: a web-based analysis of available programs. *Prehosp Disaster Med.* 2014; 29 (4): 38
  43. Art of Disaster Preparedness in European Union: a Survey on the Health Systems. *PLOS Curr Disaster.* 2014; 17: 6
  44. Identifying deficiencies in national and foreign medical team responses through expert opinion surveys: implications for education and training. *Prehosp Disaster Med.* 2015; 30 (2): 224
  45. STREET: Swedish Tool for Risk/Resource Estimation at EvenTs. Part one, risk assessment – face validity and inter-rater reliability. *JAD* 2015; 4 (1): 37-43
  46. The role of physician-staffed ambulances: the outcome of a pilot study. *JAD.* 2015; 4 (1): 63-67
  47. STREET: Swedish Tool for Risk/Resource Estimation at EvenTs. Part two, resource assessment – face validity and inter-rater reliability. *JAD.* 2015; 4 (2): 112-116
  48. Education in Disaster Management and Emergencies: Defining a New European Course. *Disaster Med Public Health Prep.* 2015, 17:1–11
  49. Training in Disaster Medicine and Emergencies; a Short Review. *A J Emerg Crit Care Med.* 2015; 2 (4): 1024
  50. Core Competencies in Disaster Management and Humanitarian Assistance: A Systematic Review. *Disaster Med Public Health Prep.* 2015; 9 (4): 430–9
  51. Can Medical Decision-making at the Scene by EMS Staff Reduce the Number of Unnecessary Ambulance Transportations, but Still Be Safe? *PLoS Curr.* 2015, 30; 7
  52. Does the temporary location of ambulances (“fluid deployment”) affect response times and patient outcomes? *Int J Emerg Med.* 2015; 8 (1): 37
  53. Preparedness for chemical threats; new challenges in the management of trauma and disasters. *Bull Emerg Trauma.* 2015; 3 (4); 115-117
  54. Exploring prehospital C2-work during a mass gathering event. *Int J Emerg Serv* 2015; 4 (2): 227-241
  55. Education in Disaster Management: What Do We Offer and What Do We Need? Proposing a New Global Program Global Program. *Disaster Med Public Health Prep.* 2016; 10 (6): 854-73
  56. Two validated ways of improving the ability of decision-making in emergencies, Results from a



- literature review. *Bull Emerg Trauma*. 2016; 4 (4)
57. Europe on fire; Medical Management of Terror Attacks - New Era and New Considerations. *Bull Emerg Trauma*. 2016; 4 (4)
  58. Youth are our future assets in emergency and disaster management. *Bull Emerg Trauma* 2017; 5 (1):1-3
  59. The impact of disaster and major incident on vulnerable groups: Risk and medical assessment of patients with advanced care at home. *Home Health Care Management & Practice*. 2017; 29 (3): 139-147
  60. Non-medical aspects of civilian-military cooperation in the management of major incidents. *Eur J Trauma Emerg Surg* 2017; 43 (5): 595-603
  61. The second opinion dispatch – Evaluating decisions made by an ambulance dispatch center. *Glob J Health Sci* 2017; 9 (12): 107
  62. Emergency Management and Preparedness Training for Youth (EMPTY). The results of the first Swedish pilot study. *Disaster Med Public Health Prep*, 2018; 12 (6): 685-688
  63. Can participants predict where ambulance-requiring cases occur at a half marathon? *Scand J Med Sci Sports*. 2018 28 (12): 2760-2766
  64. Civilian-military collaboration: From expectations to reality. *Lakartidningen* 2019: 116
  65. Hospital safety index analysis in Fars province hospitals, Iran, 2015-2016. *Am J Disaster Med* 2019; 14 (1): 25-32
  66. Needs assessment for a standardized educational program for Iranian Medical Students in crisis and disaster management. *J Adv Med Educ Prof* 2019; 7 (2): 95-102
  67. Immediate response to major incidents; defining an immediate responder! *Eur J Trauma Emerg Surg*. 2019; 4 (5): 1-12
  68. Medical emergencies during a half Marathon race- The influence of the weather. *Int J Sports Med* 2019; 40 (05): 312-316
  69. An overview of the strengths and challenges related to health in the first 10 days after the large Earthquake in the west of Iran, 2017. *Iranian J Public Health* 2019; 48 (5): 963-970
  70. Urgent Care Center in Sweden – the integration of teams and perceived effects. *Int J Health Plan Manag* 2019; 34 (4): 1205-1216
  71. Reasons for longer LOS at the emergency departments: Practical, patient-centered, medical, or cultural? *Int J Health Plan Manag* 2019; 34 (4): e1568-e1596
  72. Profiling collapsing half marathon runners – Emerging risk factors: Results from Gothenburg half marathon. *Sport (Basel)* 2020; 8 (1): 2 DOI: 10.3390/sports8010002
  73. Facilitating multiagency collaboration before mass gatherings – The development of MAGRAT (Mass Gathering Risk Assessment Tool). *Biomed J Sci Tech Res* 2020; 24 (5):18607-18616 doi: 10.26717/BJSTR.2020.24.004114
  74. Current Response and Management Decisions of the European Union to the COVID-19 Outbreak: A Review. *Sustainability* 2020;12: 3838. DOI: 10.3390/su12093838
  75. Flexible Surge Capacity – Public Health, Public Education, and Disaster Management. *Health Promotion Perspectives* 2020;10(3):175-179 DOI: [10.34172/hpp.2020.30](https://doi.org/10.34172/hpp.2020.30)
  76. Regional Flexible Surge Capacity—A Flexible Response System. *Sustainability* 2020;12(15): 5984; <https://doi.org/10.3390/su12155984>
  77. Alternative Leadership in Flexible Surge Capacity - the Perceived Impact of Tabletop Simulation Exercises on Thai Emergency Physicians' Capability to Manage a Major Incident. *Sustainability*

- 2020;12(15): 6216; <https://doi.org/10.3390/su12156216>
78. COVID-19 a Health Reform Catalyst? Analyzing Single-Payer Options in the U.S.: Considering Economic Values, Recent Proposals, and Existing Models from Abroad. *JHA* 2020;9(4):1-10
  79. Nurses' Readiness to Emergencies, and Public Health's Challenges- The case of Saudi Arabia. *Sustainability* 2020; 12 (19): 7874. <https://doi.org/10.3390/su12197874>
  80. Alcohol and the Risk of Railway Suicide. Submitted. *Int J Environ Res Public Health* 2020; 17 (19): 7003
  81. Outcomes of establishing an Urgent Care Centre in the same location as an Emergency Department. *Sustainability* 2020; 12 (19): 8190
  82. Disaster and Public Health Emergencies – Current Perspectives in Preparedness and Response. *Sustainability*. 2020; 12 (20): 8561. Editorial <https://doi.org/10.3390/su12208561>
  83. The History of the Swedish Military Healthcare System and Its Path Toward Civilian-Military Collaboration From a Total Defense Perspective. *Military medicine* 2020. doi:[10.1093/milmed/usaa071](https://doi.org/10.1093/milmed/usaa071)
  84. Is Physiological Equivalent Temperature (PET) a superior screening tool for heat stress risk than Wet-Bulb Globe Temperature (WBGT) index? Eight years of data from the Gothenburg Half marathon. *British Journal of Sports Medicine* 2020. DOI: 10.1136/bjsports-2019-100632
  85. Facilitators and constrainers of civilian-military collaboration: the Swedish perspectives. *Eur J Trauma Emerg Surg*, 2020;46(3):649-656. DOI: 10.1007/s00068-018-1058-9
  86. Does the prosperity of a country play a role in COVID-19 outcomes? *Disaster Med Public Health Prep*. 2020; DOI: <https://doi.org/10.1017/dmp.2020.304>
  87. How Medical Studies in Poland Prepare Future Healthcare Managers for Crises and Disasters: Results of a Pilot Study. *Healthcare* 2020;8(3),202. DOI: [10.3390/healthcare8030202](https://doi.org/10.3390/healthcare8030202)
  88. Management of COVID-19 Pandemic – The Swedish Perspective. *Healtmanagement.org* 2020; 20 (7) <http://lnkd.in/dvvF5ua>
  89. The gap of knowledge and skill – One reason for unsuccessful management of mass casualty incidents and disasters. *Am J Emerg Med*. 2020 <https://doi.org/10.1016/j.ajem.2020.09.068>
  90. The impact of experience, length of service, and workplace preparedness in physicians' readiness in the response to disasters. *J Clin Med*. 2020; 9 (10): 3328
  91. The COVID-19 Pandemic: How predictive analysis, artificial intelligence and GIS can be integrated into a clinical command system to improve disaster response and preparedness. *Am J Emerg Med*. 2020 DOI: <https://doi.org/10.1016/j.ajem.2020.10.049>
  92. The applications of geographic information systems in disaster and emergency management in Europe. *Disaster Emerg Med J* 2020. DOI: 10.5603/DEMJ.a2020.0040
  93. Geographic information system technology: Implications for disaster and emergency management in Sweden. *Am J Emerg Med*. 2020 Nov 25:S0735-6757(20)31079-2? DOI: 10.1016/j.ajem.2020.11.050.
  94. The development of Swedish Military Healthcare System: Part II- Reevaluating Military and Civilian Healthcare Systems in Crisis through Dialogue and Study among Practitioners. Accepted. *Military Medicine* 2020. <https://doi.org/10.1093/milmed/usaa364>
  95. Emergency Healthcare Providers' Perceptions of Preparedness and Willingness to Work during Disasters and Public Health Emergencies. *Healthcare* 2020;8 (4): 442
  96. Hazard Assessment in Fars Province Hospitals in Iran in 2017. *Sci J Rescue Relief* 2020; 12 (2):144-151
  97. Implications and limitations of Social Distancing Strategies to mitigate the impact of a pandemic. *Disaster Med Public Health Prep* 2020;1-3. DOI: 10.1017/dmp.2020.500.

98. Current Perspectives and Concerns Facing Hospital Evacuation: The Results of a pilot study and a literature review. *Disaster Med Public Health Prep* 2021; 1-9. DOI: 10.1017/dmp.2020.391
99. Cohort Research Analysis of Disaster Experience, Preparedness, and Competency-based Training among Nurses. *PloS One*. 2021. <https://doi.org/10.1371/journal.pone.0244488>
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158. Hospital Disaster Preparedness: A Comprehensive Evaluation Using the Hospital Safety Index. *Sustainability*. 2023; 15(17):13197. <https://doi.org/10.3390/su151713197>

### Articles in Non-Medical journals

1. "Vänta och se versus låtsas inte förstå om du inte gör det!" Om svensk sjukvårdspersonals erfarenheter av kommunikation med utländska läkare. *Aktuellt om Migration*, 2005: 1.
2. Language and Culture in Communication between Swedish Patients and Non-Swedish Physicians. *Aktuellt om Migration*, 2008: 4.

### Abstracts Presentations and lectures

1. Civilian Military Collaboration and Flexible Surge Capacity. Polish Air Force University. October 2023, Deblin, Poland.
2. Disaster and Emergency Management. Preparedness and Disaster Medicine Course. October 2023, Gothenburg, Sweden.
3. Hospital Evacuation. Lecture and Training Session. August 2023, Bangkok, Thailand.
4. Flexible Surge Capacity. Harvard Humanitarian. April 2023, Amman, Jordan.
5. Emergency department visit by refugees – The impact of war on the pattern of emergency healthcare visits by Ukrainian refugees in Poland. *Safety 2022*, Adelaide, Australia.
6. Asian Collaboration in Trauma. Webinar. Training Physicians and Healthcare Workers in Disaster and Preparedness Response, Manila, The Philippines, 22 February 2022.
7. IReS Webinar 1. Fostering innovative resilience of clinical services to major disasters. Royal Academy of Engineering, Cambridge, UK, 15 February 2022.
8. 5<sup>th</sup> Annual Academic Session. Sri Lanka College of Military Medicine. Military Obligations in Disasters and Emergencies. Colombo, Sri Lanka, 11 February 2022.
9. SNIH Annual Conference. Beyond the Pandemic: Fostering Shared Responsibility and Preparedness in



- Global Public Health. Sweden, 5 November 2021.
10. The European Emergency Medicine Conference, Lisbon, Portugal, 30 October 2021.
  11. European Conference in Trauma and Emergency Surgery (ECTES), Oslo, Norway, 30 April 2021.
  12. The use of CSCATTT in disaster management simulation exercises. The University of South-Eastern Norway. 29 April 2021.
  13. Ramathibodi Emergency Medicine Conference (RACEM), Bangkok, Thailand, 23 April 2021.
  14. Najran Health Forum. Saudi Arabia, 15 December 2020.
  15. UNESCO Chair in Bioethics Webinar. COVID-19. Management, ethical and practical perspectives. The virtual meeting, 27 September 2020.
  16. Simulation training in disaster and emergency management, Ramathibodi Hospital, Bangkok, Thailand, 2019.
  17. Disasters and Public Health. Institute of Public Health, Mahidol University, Bangkok, Thailand, 2019
  18. Simulation exercises in disaster and emergency management. National Institute for Emergency Medicine of Thailand. Khon Kaen, Thailand, 2019.
  19. How to make better leadership irrespective of gender, and diversity. University of South-Eastern Norway, Tönsberg, Norway, 2018.
  20. Testing a novel method for identifying where serious medical encounters occur at marathons to improve medical preparedness and runners' safety. Injury Prevention 24 (Suppl 2): A29.2-A29. 13<sup>th</sup> world conference on injury prevention and safety promotion 2018, Bangkok, Thailand, 2018.
  21. Medical Response to Major Incidents, National Institute for Emergency Medicine, Bangkok, Thailand, 2017.
  22. CBRNe; Risks and Management (series). Shiraz University of Medical Sciences, Shiraz, Iran, 2017.
  23. Risk and risk analysis and management. Shiraz University of Medical Sciences, Shiraz, Iran, 2017.
  24. Disaster Management (series). Shiraz University of Medical Sciences, Shiraz, Iran, 2017.
  25. Disaster Management. General Philippine Hospital, Manila University, Manila, 2016.
  26. Emergency Management and Preparedness Training for Youth (EMPTY). American Society for Disaster Medicine and Public Health. Annual Meeting, Rockville, Maryland, USA, 2016.
  27. Medical management of terror attacks in Europe. American Society for Disaster Medicine and Public Health. Annual Meeting, Rockville, Maryland, USA, 2016.
  28. New global program in disaster management. American Society for Disaster Medicine and Public Health. Annual Meeting, Rockville, Maryland, USA, 2016.
  29. Mass Casualty Simulation Training. The first international conference on Emergency Medicine, Disaster Management, and Blast Injuries. Cairo, Egypt, 2016.
  30. EMS Role in Disaster Management. The first international conference on Emergency Medicine, Disaster Management, and Blast Injuries. Cairo, Egypt, 2016.
  31. Improving EMS for safer roads. The first international conference on Emergency Medicine, Disaster Management, and Blast Injuries. Cairo, Egypt, 2016.
  32. Education in Disaster Management: What Do We Offer and What Do We Need? Proposing a New Global Program Global Program. Amsterdam, Netherland, 2015.
  33. STREET: Swedish Tool for Risk/Resource Estimation at EvenTs. Part one, risk assessment - face validity and inter-rater reliability. 19th World Congress on Disaster and Emergency Medicine, Cape Town, South Africa, 2015.

34. STREET: Swedish Tool for Risk/Resource Estimation at EvenTs. Part two, resource assessment - face validity and inter-rater reliability. 19th World Congress on Disaster and Emergency Medicine, Cape Town, South Africa, 2015.
35. Hospital evacuation plan. National Evacuation Conference 2012, New Orleans, Louisiana, USA, 2012
36. Hospital evacuation plan. 17th World Congress on Disaster and Emergency Medicine, Beijing, China, 2011.
37. Triage in the prehospital setting. Hospital evacuation plan. 17th World Congress on Disaster and Emergency Medicine, Beijing, China, 2011.
38. ESTES ´postgraduate training in the medical response to major incidents (MRMI) – Experiences from the first five courses. 12<sup>th</sup> European Congress of Trauma and emergency surgery, Milano, Italy, 2011.
39. Disaster medicine in Thailand: A current update and review. The 32nd Annual Meeting of Royal College of Surgeons of Orthopedic Surgeons of Thailand, 2010.
40. Disaster medicine in Thailand: A current update and review. The Fifth International Congress of Chinese Orthopedic Association (COA2010) in Chengdu, China, on November 11-14, 2010.
41. Experiences from a new simulation model designed for both training and evaluation of methodology in major incident response. 11<sup>th</sup> European Congress of Trauma & Emergency Surgery, Brussels, Belgium, 2010.
42. Development of a new simulation model for evaluation and comparison of different triage methods. 16th World Congress on Disaster and Emergency Medicine, Victoria, BC, Canada, 2009.
43. Planning healthcare resources at sports events in Sweden. 16th World Congress on Disaster and Emergency Medicine, Victoria, BC, Canada, 2009.
44. The impact of emergency department overcrowding on regional disaster preparedness in the western region of Sweden. 16th World Congress on Disaster and Emergency Medicine, Victoria, BC, Canada, 2009.
45. Low Frequency of Germ-line Mutations in Patients with Pheochromocytoma/abdominal Paraganglioma and Sporadic Presentation. A population-based Study in West Sweden, Cambridge, UK, 2008.
46. Standardized diagnostic program in surgery increases the patient’s security. The third National patient security conference, Stockholm, Sweden, 2007.
47. International Symposium on Pheochromocytoma, Bethesda, MD, USA, 2005.
48. Trauma care system. Seldinger symposium. Göteborg, Sweden, 2005.
49. Trauma organization. Röntgen veckan, Göteborg, Sweden, 2004.
50. Aspects on diagnosis in Adrenocortical Carcinoma and Pheochromocytoma. Västsvenska endokrinologer. Göteborg, Sweden, 2003.
51. Traumatic Head Injury. Retrospective study of 201 cases with Commotio cerebri. Emergencies and Public safety, EPS, Göteborg, Sweden 2003.
52. Traumatic Head Injury. Retrospective study of 201 cases with Commotio cerebri. International conference on trauma. Istanbul, Turkey 2002.
53. Clinical outcome of 121 consecutive pheochromocytomas with surgical treatment. Swedish surgical week: Eskilstuna, Sweden, 2002.
54. Risk for additional tumor diseases in patients with pheochromocytoma. Swedish surgical week: Eskilstuna, Sweden, 2002.
55. Long-term survival after surgery for pheochromocytoma. Sixth International Congress of Endocrine

- Disorders, Tehran, Iran, 2001.
56. N-Cadherin is expressed in adrenal tumors and is down-regulated in adrenal cortical cancers. Swedish surgical week: Malmö, Sweden 2001.
  57. Pheochromocytoma: Mortality and long-term morbidity after surgery. The British Association of Endocrine Surgeons. Millennium Meeting BAES/AAES/SAES: London & Lille, 2000.
  58. Forty years experience in operating on pheochromocytoma/paragangliomas. Swedish surgical week: Strömstad, Sweden, 1998.
  59. Operation and Mitotane for treatment and steroid profiles for follow-up of adrenocortical cancers. Annual meeting, Swedish Medical Association: Stockholm, Sweden, 1997.
  60. Repeat operations and mitotane administration in the treatment of adrenocortical carcinoma. 37<sup>th</sup> World Congress of Surgery of the ISS/SIC. Acapulco, Mexico 1997.

### **Tutorship:**

The main tutor	Three Ph.D. students and 12 student project works
the Second tutor	Three Ph.D. students and one project work

### **Other interests:**

**International cooperation,** Chairman, SIMA" Swedish-Iranian Medical Association", Sweden, 2001-2003

RADEM (Research Alliance in Disaster and Emergency Medicine)

**Languages:** English ("TOEFL"), the University of Nebraska at Omaha, USA, 1979

Swedish, Gothenburg University, Gothenburg, Sweden 1982

German, "Kreuzberg institute", Bonn, Germany, 1981

Persian, mother tongue

**Computer:** Window, Office, Graphic, and home page making

**Travel, People, Sports** (Soccer coach 11-13 years boys, 1999-2002)

### **Non-medical Certificates:**

Football Coach, Swedish Soccer Association, 2000

### **Grants:**

Gothenburg Disaster Medicine Center, 2023-2024

Regional Grants As part of the GEMREG, 2023

Region Västra Götaland (Regional Grants), 2016–2018, and 2005–2006

The EU fund, DG-ECHO/EU, 2016-2017

Swedish Civil Contingency Agency, MSB Grants, 2016-2017, 2012-2013 and 2011

The EU fund as part of the European project, 2012-2013

Laerdal Foundation Norway, 2011

Assar Gabrielson's Funds, 2009-2010, and 2005

Gothenburg Medical Association, 2006, 2005, and 2000 National

Swedish Research Council, 2003

Swedish Medical Association, 2001

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