

**Personal Data:**

**Name** Amir Khorram-Manesh  
**Address home** Gibraltargatan 52, 412 58 Gothenburg, Sweden  
**Cell phone** +46-707-722741  
**E-mail** [amir.khorram-manesh@surgery.gu.se](mailto:amir.khorram-manesh@surgery.gu.se)  
**Nationality** Swedish  
**Day of birth** 7<sup>th</sup> July 1958

**Education:**

- **Associate Professor of Surgery:** Gothenburg University, Sahlgrenska Academy, 2009-Now
- **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:**

- **Senior University lecturer (Lektor) Disaster Medicine & Trauma.** Sahlgrenska Academy, Gothenburg University, 2016-Now
- **Visiting Professor:** Department of Emergency Medicine, Faculty of Medicine, Mahidol University, Bangkok, Thailand, 2019-Present
- **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, Kiev, 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, 2009
- Higher education pedagogic in medical science, University of Gothenburg, 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, 2002
- Pedagogic, faculty of medicine, University of Gothenburg, 2000
- Mentorship for interns and surgical residents, Sahlgrenska University Hospital, 1998
- Problem-based teaching for medical students, Sahlgrenska University Hospital, 1996

**Leadership's Courses:**

- Leadership and strategic thinking, School of Business, Economic and Law, Gothenburg University 2007
- Leadership and administration, Sahlgrenska University Hospital & Swedish Medical Association, 2004

- Process-based leadership, University of Gothenburg, 2001-2002
- Leadership and competency, Sahlgrenska University hospital, 2001-2002

### Research Courses:

- Clinical trial and evaluation, Swedish Academy of Pharmaceutical Sciences, 2003
- Medical statistic, University of Gothenburg 1998
- Presentation of research articles, University of Gothenburg 1998
- Information and research methodic, University of Gothenburg 1998
- Ethic in research, University of Gothenburg 1998
- Computers, word, excel. LS Data partner AB, 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, 2005
- Advanced Trauma Life Support, ATLS Sweden, Gothenburg, 2001
- Trauma surgery, Sahlgrenska University Hospital, Gothenburg, 2001
- Regional course in trauma and war surgery, Gothenburg, 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:

- **Research Advisor**, Swedish Armed Forces Center for Defense Medicine, Gothenburg, 2019-present
- **Executive Board Member, Gothenburg Emergency Medicine Research Group (GEMREG)**, Gothenburg, 2016-Present
- **Regional Medical & Research Advisor**, Unit of Security and Preparedness (Former Prehospital and Disaster Medicine Centre, PKMC), Gothenburg, 2007- 2019
- **Consultant trauma and emergency medicine**, Nordic Medical Services, Erbil, Kurdistan Region of **Iraq**, 2012
- **Co-chair**, Department of Urology, Sahlgrenska University Hospital, Gothenburg, 2009- 2010
- **Chair**, Departments of General and Orthopedic surgery, Kungälv Hospital, Kungälv, 2005- 2009
- **Board member, Executive board, Emergency department** Sahlgrenska University Hospital, Gothenburg, March 2004 – March 2005
- **Chief consultant Trauma surgery:** Sahlgrenska University Hospital, Gothenburg, 2001- 2005
- **Staff administrator officer:** Sahlgrenska University Hospital, Gothenburg, 1998-2001
- **Endocrine surgery:** Sahlgrenska University Hospital, Gothenburg, 1996-2001
- **British General Medical Council:** Full Registration Certificate, 1995
- **Specialist in general surgery:** Kungälv Hospital, Greater Gothenburg, 1994-95
- **Licensed general surgeon:** Maseno Hospital, Maseno, **Kenya**, 1994

**Teaching experiences/areas:**

- **University lecturer Disaster and Emergency Medicine**, Gothenburg University, 2016-Now
- **Course Director MRMI (Medical Response to Major Incidents), international course on disaster medicine**, September 2012- present
- **Lecturer Disaster Medicine for medical students**, 2013- present
- **Lecturer Disaster Medicine for nursing students and global health courses**, 2012- present
- **Lecturer Medicine for Engineers, Chalmers University, Gothenburg** 2010-2014
- **Lecturer MRMI (Medical Response to Major Incidents), international course on disaster medicine**, 2009 – present
- **Lecturer ALSG (MIMMS, HMIMMS, etc.)**, Prehospital and disaster medicine center (PKMC), Gothenburg, Sweden, 2008- 2014
- **Lecturer ATLS, ATLS Sweden**, 2005- 2010
- **Lecturer, Intercultural healthcare and communication**, Sahlgrenska University Hospital, Gothenburg, 2001- 2010
- **Lecturer, General surgery, college of health sciences**, Sahlgrenska University Hospital, Gothenburg, 2002-2005
- **Chair, board of education, Non-Swedish physicians**, faculty of medicine, University of Gothenburg, Gothenburg, 2000-2001
- **Director of studies, Non-Swedish physicians**, faculty of medicine, University of Gothenburg, Gothenburg, 2000-2001
- **Director of studies, Foreign medical students**, faculty of medicine, University of Gothenburg, Gothenburg, 2001-2002
- **Director of studies, internships and surgical residency programs**, Sahlgrenska University Hospital, Gothenburg, 2000
- **Co-director and course administrator in surgery**, faculty of medicine, University of Gothenburg, Gothenburg, 2000-2001
- **Tutor, surgical residency program**, Sahlgrenska University Hospital, Gothenburg, 1999-2004
- **Teaching assistant in endocrine surgery**, Sahlgrenska University Hospital, Gothenburg, 1996-1998

**Membership:**

- Swedish Medical Association
- European Society for Trauma and emergency surgery
- World Association of Disaster and Emergency Medicine
- Gothenburg Emergency Medicine Research Group (GEMREG)

**Projects:**

- **Triage**, 2019-Now
- **Immediate Responder**, 2019-Now
- **Flexible Surge Capacity**, 2019-Now
- **Emergency Medicine research, GEMREG**; 2016-Now
- **Development of Emergency Management and Preparedness Training for Youth (EMPTY)**, Gothenburg, 2017- Now
- **Development of Ukrainian Training Academy**, DG ECHO, European Union, 2016- 2017
- **Development of Risk analysis instrument for mass gathering**, Gothenburg, 2016-2017

- **Implementation of Thai SiMM** “Thai Simulation in Mass casualty Management”. 2013-2016
- **Development of European “Disaster Teaching Curriculum”**, European Union, 2011- 2013
- **“Hospital Evacuations plan”**, PKMC, Gothenburg, Sweden, 2010 and 2017
- **“Estimation of healthcare resources at sporting events”**, PKMC, Gothenburg, Sweden, 2009
- **“Emergency and disaster management registry”**, PKMC, Gothenburg, Sweden, 2008
- **“Critical observation unit”**, Kungälv Hospital, Kungälv, Sweden, 2006
- **“Step-Down ”trauma unit”**, Sahlgrenska University Hospital, Gothenburg, Sweden, 2003
- **Interaction and communication in healthcare**, Department of linguistics, Gothenburg university and Sahlgrenska University Hospital, Gothenburg, Sweden, 2002- 2007
- **Supporting educational course for Non-Swedish physicians**, faculty of medicine, Gothenburg university and Västra Götalands region, Gothenburg, Sweden, 2000-2001

### Research area (current):

- **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 researches (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
- **Cancer signaling**, Clinical and experimental research
- **Adrenal tumors**, clinical, pathological and experimental studies on Adrenal tumors

### International activities

- Arranging the first “Mass Gathering Conference” in Sweden, 27-28 November 2017
- Representing Gothenburg University in South East Asian countries and promoting disaster management education and courses
- Establishing MOU with Mahidol University and National Institute of Emergency Medicine, Bangkok, Thailand
- Establishing new program in disaster management, financially supported by EU, in Kharkiv, Ukraine
- Teaching activities globally

### Journal Reviewer

- Disaster Med Public Health Prep
- Bull Emerg Trauma
- Hospital administration
- PLoS
- Acta Scandinavica Anesthesiology
- Sustainability
- International Journal of Environmental Research and Public Health
- BMC Public Health
- Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine

- Journal of Emergency Management

### **Journal Editor**

- J Med Emerg Surg Trauma Stress
- Sustainability
- BMC Public Health

### **Publications and Presentation:**

#### **Book and book chapters:**

1. Amir Khorram-Manesh. "Diagnostic and Therapeutic Aspects on Adrenocortical Carcinoma and Pheochromocytoma" Vasastadens Bokbinderi AB. ISBN: 91-628-6036-4 (2004)
2. Khorram-Manesh A. Handbook of Disaster and Emergency Management. ISBN 978-91-639-3200-7, Kompendiet, Gothenburg, 2017
3. Prasit Wuthisuthimethawee, Amir Khorram-Manesh. Emergency and Disaster Management in Thailand. National Institute for Emergency Medicine in Thailand. In Press, 2020.

#### **Book chapters:**

1. Nataliya Berbyuk, Jens Allwood & Amir Khorram-Manesh. How do the 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. Khorram-Manesh A. 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. Pharmaceutical management in disasters and emergencies. Manuscript. Springer, 2021

#### **Articles in Medical Journals**

1. Adrenocortical carcinoma: Surgery and Mitotane for treatment and Urinary steroid profile for follow up. World Journal of Surgery 1998; 22 (6): 605-11
2. Cytotoxic treatment of adrenocortical carcinoma. World Journal of Surgery 2001; 25 (7): 927-33. Review
3. N-Cadherin expression in adrenal tumors: Up-regulation in malignant pheochromocytoma and downregulation in adrenocortical carcinoma. Endocrine pathology 2002; 13 (2): 99-110
4. Mortality associated with pheochromocytoma. Eur J Surg Oncolog 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 ducts stones before laparoscopic cholecystectomy. *W J Gastroenterolog* 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 its impact on disaster preparedness and prehospital organisations. *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 Disast 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, discrepancy between emergency medical dispatch centre 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. 31. Is acetylcholine a signaling molecule for human colon cancer progression? *Scand J Gastroentrol.* 2011; 46: 446-55
32. Prehospital and Disaster Medicine Centre: A centre 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 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 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 Currents Disasters.* 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. *Journal of Acute Disease* 2015; 4 (1): 37-43
46. The role of physician-staffed ambulances: the outcome of a pilot study. *Journal of Acute Disease.* 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. *Journal of Acute Disease.* 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. *Austin Journal of Emergency and Critical Care Medicine.* 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 temporary location of ambulances (“fluid deployment”) affect response times and patient outcome? *Int J Emerg Med.* 2015; 8 (1): 37
53. Preparedness for chemical threats; new challenges in 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 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*, 2017; 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. Facilitators and constrainers of civilian-military collaboration: the Swedish perspectives. *Eur J Trauma Emerg Surg*, 2018. doi: 10.1007/s00068-018-1058-9
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 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 weather. *Int J Sport Med* 2019; 40 (05): 312-316
69. An overview of the strengths and challenges related to health on the first 10 days after the large Earthquake in the west of Iran, 2017. *Iranian J Public Health* 2019; 48 (5): 963-970
70. Civilian-military collaboration: From expectations to the reality. *Lakartidningen* 2019: 116
71. Urgent Care Center in Sweden – the integration of teams and perceived effects. *Int J Health Plan Manag* 2019; 34 (4): 1205-1216
72. Reasons for longer LOS at the emergency departments: Practical, patient-centered, medical, or cultural? *Int J Health Plan Manag* 2019; 34 (4): e1568-e1596
73. ICS manual. Emergency Medicine. Mahidol University, Faculty of Medicine, Ramathibodi Hospital, Bangkok, Thailand. ISBN: 978-616-443-332-8
74. Profiling collapsing half marathon runners – Emerging risk factors: Results from Gothenburg half marathon. *Sport (Basel)* 2020; 8 (1): 2 doi: 10.3390/sports8010002
75. Facilitating multiagency collaboration before mass gatherings – The development of MAGRAT (Mass Gathering Risk Assessment Tool). *Biomed J Scie Tech Res* 2020; 24 (5):18607-18616 doi: 10.26717/BJSTR.2020.24.004114
76. The History of 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)
77. 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
78. 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)
79. Regional Flexible Surge Capacity—A Flexible Response System. *Sustainability* 2020;12(15): 5984; <https://doi.org/10.3390/su12155984>
80. 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)
81. Current Response and Management Decisions of the European Union to the COVID-19 Outbreak: A Review. *Sustainability* 2020;12:3838. doi: 10.3390/su12093838
82. 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
83. 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>
84. 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>



85. Nurses Readiness to Emergencies, and Public Health's challenges- The case of Saudi Arabia. Submitted, Sustainability 2020; 12 (19): 7874
86. Alcohol and the Risk of Railway Suicide. Submitted. Int J Environ Res Public Health 2020; 17 (19): 7003
87. Outcomes of the establishment of an Urgent Care Centre co-located with an Emergency Department. Submitted, Sustainability 2020; 12 (19): 8190
88. Disaster and Public Health Emergencies – Current Perspectives in Preparedness and Response. Sustainability. 2020; 12 (20): 8561
89. Management of COVID-19 Pandemic – The Swedish Perspective. Healtmanagement.org 2020; 20 (7) <http://lnkd.in/dvvF5ua>
90. The gap of knowledge and skill – One reason for unsuccessful management of mass casualty incidents and disasters. The American Journal of Emergency Medicine. 2020 <https://doi.org/10.1016/j.ajem.2020.09.068>
91. The impact of experience, length of service, and workplace preparedness in physicians' readiness in the response to disasters. Journal of Clinical Medicine. 2020; 9 (10): 3328
92. Hazard Assessment in Fars Province Hospitals in Iran in 2017. Sci J Rescue Relief 2020; 12 (2):144-151
93. The COVID-19 Pandemic: A need to standardize GIS Implementation Strategy for Disaster Response and Preparedness. Accepted. The American Journal of Emergency Medicine. 2020
94. Current perspectives and Concerns Facing Hospital Evacuation: The results of a pilot study and a literature review. Accepted, Disaster Med Public Health Prep 2020
95. The development of Swedish Military Healthcare System: Part II- Reevaluating Military and Civilian Healthcare Systems in Crisis through a dialogue and study among practitioners. Accepted. Military Medicine 2020.
96. A Cohort Research Analysis of Disaster Experience, Preparedness, and Competency-based Training among Nurses. Submitted. 2020.
97. The Importance of Pre-Training Gap Analyses, and the Identification of Competencies and Skill Requirements of Medical Personnel for Mass Casualty Incidents and Disaster Training. Submitted. 2020.
98. Dust and dust storm phenomena and its medical consequences in Iran – A review of etiology and proposing proper measures. Submitted. 2020.
99. Unrecognized Risks and Challenges of Water as a Major Focus of Covid-19 Spread. Submitted. 2020.
- 100.(COVID-19) Implications and limitations of Social Distancing Strategies to mitigate the impact of pandemic. 2020.
- 101.Contact Tracing Application in COVID-19 pandemic-Technology and Ethics. In manuscript.
- 102.Ethical dilemmas in war and disasters. In manuscript
- 103.Triple Three; Triage Translation Toll. In manuscript

### 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. Url: <http://www.immi.se/aom/>
2. Language and Culture in Communication between Swedish patients and Non-Swedish Physicians. Aktuellt om Migration, 2008: 4. Url: <http://www.immi.se/aom/>

### Abstracts Presentations and lectures

1. Simulation training in disaster and emergency management, Ramathibodi Hospital, Bangkok, Thailand, 2019
2. Disasters and Public Health. Institute of Public Health, Mahidol University, Bangkok, Thailand, 2019
3. Simulation exercises in disaster and emergency management. National Institute for Emergency Medicine of Thailand. Khon Kaen, Thailand, 2019
4. How to make better leadership irrespective of gender, diversities. University of South Eastern Norway, Tönsberg, Norway, 2018
5. Testing a novel method for identifying where serious medical encounters occur at marathons in order 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
6. Medical Response to Major Incidents, National Institute for Emergency Medicine, Bangkok, Thailand, 2017
7. CBRNe; Risks and Management (series). Shiraz University of Medical Sciences, Shiraz, Iran, 2017
8. Risk and risk analysis and management. Shiraz University of Medical Sciences, Shiraz, Iran, 2017
9. Disaster Management (series). Shiraz University of Medical Sciences, Shiraz, Iran, 2017
10. Disaster Management. General Philippine Hospital, Manila University, Manila, 2016
11. Emergency Management and Preparedness Training for Youth (EMPTY). American Society for Disaster Medicine and Public Health. Annual Meeting, Rockville, Maryland, USA, 2016
12. Medical management of terror attacks in Europe. American Society for Disaster Medicine and Public Health. Annual Meeting, Rockville, Maryland, USA, 2016
13. New global program in disaster management. American Society for Disaster Medicine and Public Health. Annual Meeting, Rockville, Maryland, USA, 2016
14. Mass Casualty Simulation Training. The first international conference on Emergency Medicine, Disaster Management and Blast Injuries. Cairo, Egypt, 2016
15. EMS Role in Disaster Management. The first international conference on Emergency Medicine, Disaster Management and Blast Injuries. Cairo, Egypt, 2016
16. Improving EMS for safer roads. The first international conference on Emergency Medicine, Disaster Management and Blast Injuries. Cairo, Egypt, 2016
17. Education in Disaster Management: What Do We Offer and What Do We Need? Proposing a New Global Program Global Program. Amsterdam, Netherland, 2015
18. STREET: Swedish Tool for Risk/Resource Estimation at EvenTs. Part one, risk assessment - face validity and inter-rater reliability. 19<sup>th</sup> World Congress on Disaster and Emergency Medicine, Cape Town, South Africa, 2015
19. STREET: Swedish Tool for Risk/Resource Estimation at EvenTs. Part two, resource assessment - face validity and inter-rater reliability. 19<sup>th</sup> World Congress on Disaster and Emergency Medicine, Cape Town, South Africa, 2015
20. Hospital evacuation plan. National Evacuation Conference 2012, New Orleans, Louisiana, USA, 2012
21. Hospital evacuation plan. 17<sup>th</sup> World Congress on Disaster and Emergency Medicine, Beijing, China, 2011
22. Triage in the prehospital setting. Hospital evacuation plan. 17<sup>th</sup> World Congress on Disaster and Emergency Medicine, Beijing, China, 2011
23. ESTES 'postgraduate training in 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
24. Disaster medicine in Thailand: A current update and review. The 32<sup>nd</sup> Annual Meeting of Royal College of Surgeons of Orthopedic Surgeons of Thailand, 2010
25. 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

26. 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
27. 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
28. Planning healthcare resources at sport events in Sweden. 16th World Congress on Disaster and Emergency Medicine, Victoria, BC, Canada, 2009
29. 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
30. 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
31. Standardized diagnostic program in surgery increases the patient's security. The third National patient's security conference, Stockholm, Sweden, 2007
32. International Symposium on Pheochromocytoma, Bethesda, MD, USA, 2005
33. Trauma care system. Seldinger symposium. Göteborg, Sweden, 2005
34. Trauma organization. Röntgen veckan, Göteborg, Sweden, 2004
35. Aspects on diagnosis in Adrenocortical Carcinoma and Pheochromocytoma. Västsvenska endokrinologer. Göteborg, Sweden, 2003
36. Traumatic Head Injury. Retrospective study of 201 cases with Commotio cerebri. Emergencies and Public safety, EPS, Göteborg, Sweden 2003
37. Traumatic Head Injury. Retrospective study of 201 cases with Commotio cerebri. International conference on trauma. Istanbul, Turkey 2002
38. Clinical outcome of 121 consecutive pheochromocytomas with surgical treatment. Swedish surgical week: Eskilstuna, Sweden, 2002
39. Risk for additional tumor diseases in patients with pheochromocytoma. Swedish surgical week: Eskilstuna, Sweden, 2002
40. Long-term survival after surgery for pheochromocytoma. Sixth International Congress of Endocrine Disorders, Tehran, Iran, 2001
41. N-Cadherin is expressed in adrenal tumors and is down-regulated in adrenal cortical cancers. Swedish surgical week: Malmö, Sweden 2001
42. Pheochromocytoma: Mortality and long-term morbidity after surgery. The British Association of Endocrine Surgeons. Millennium Meeting BAES/AAES/SAES: London & Lille, 2000
43. Forty years' experience in operating on pheochromocytoma/paragangliomas. Swedish surgical week: Strömstad, Sweden, 1998
44. Operation and Mitotane for treatment and steroid profiles for follow-up of adrenocortical cancers. Annual meeting, Swedish Medical Association: Stockholm, Sweden, 1997
45. Repeat operations and mitotane administration in the treatment of adrenocortical carcinoma. International Surgical Week, ISW 97. 37<sup>th</sup> World Congress of Surgery of the ISS/SIC. Acapulco, Mexico 1997.

### **Tutorship:**

Main tutor	Three PhD students and 12 student project works
Second tutor	Three PhD students and one project work

### **Other interests:**

**International cooperation**, Chairman, SIMA " Swedish-Iranian Medical Association",  
([www.simagroup.org](http://www.simagroup.org)), Gothenburg, Sweden, 2001-2003

**Languages:** English ("TOEFL"), 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:**

Västra Götaland Region, 2016–2018, and 2005–2006

DG-ECHO/EU, 2016-2017

MSB funds, 2016-2017, 2012-2013 and 2011

EU fund as part of European project, 2012-2013

Laerdal Foundation Norway, 2011

Assar Gabrielssons Funds, 2009-2010, and 2005

Gothenburg Medical Association, 2006, 2005, and 2000

National Swedish Research Council, 2003

Swedish Medical Association, 2001

### **References**

#### **Per Örtenwall**

Professor of surgery, Sahlgrenska University hospital, Gothenburg, Sweden

[Per.ortenwall@mil.se](mailto:Per.ortenwall@mil.se)

#### **Eric Carlström**

Professor, Health and crisis management and policy, Sahlgrenska Academy, Gothenburg, University,  
Gothenburg, Sweden

[Eric.carlstrom@gu.se](mailto:Eric.carlstrom@gu.se)