

Curriculum Vitae



Name: MASATO HOMMA

Title/Current Position: President, Japanese Association for Disaster Medicine(JADM); Professor and Chairman,

Organization/Institution: Tottori University, Faculty of Medicine, Department of Surgery Division of Emergency and Disaster Medicine

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Academic biography and qualifications

Education	Undergraduate: Tottori University, Faculty of Medicine
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Dr. Homma is the professor and chairman of Division of Emergency and Disaster Medicine, Department of Surgery, School of Medicine, Tottori University. He graduated from Tottori University in 1988, and started his carrier as a neurosurgery and emergency physician at Nippon Medical School in Tokyo. He had been involved in establishment of Japan DMAT and national aeromedical evacuation system between 1995 and 2009 in National Disaster Medical Center in Tokyo. He became the professor of Tottori University in 2009 and he was elected as the president of JADM in 2023.

May 1988 Graduate from Tottori University, Faculty of Medicine
 June 1988 Resident of Division of Emergency and Critical Care Medicine, Nippon Medical School, Tokyo
 July 1989 Resident of Neurosurgery, Showa General Hospital, Tokyo
 July 1990 Resident of Surgery, Saiseikai Kanagawa Hospital
 July 1991 Attending physician of Division of Emergency and Critical Care Medicine, Nippon Medical School, Tokyo
 July 1992 Senior resident of Neurosurgery, Showa General Hospital, Tokyo
 July 1994 Attending physician of Division of Emergency and Critical Care Medicine, Nippon Medical School, Tokyo
 July 1995 Attending surgeon of National Hospital Tokyo Disaster Medical Center
 April 2009 Professor and Chairman of Tottori University, Faculty of Medicine, Department of Surgery Division of Emergency and Disaster Medicine

Board
 Neurosurgery, Emergency Medicine, Critical Care Medicine

List of papers in international journals:
 -J Med Case Rep./Paravertebral compartment syndrome after exercise: a case report. /2020
 -Prehosp Disaster Med/Proposal for Reforming Prehospital Response to Chemical Terrorism Disasters in Japan: Going Back to the Basics of -Saving the Lives of the Injured by Securing the Safety of the Rescue Team/2020
 -Resuscitation/Increasing or Fluctuating Bispectral Index Values During Post-Resuscitation Targeted Temperature Management Can Predict Clinical Seizures After Rewarming/2017
 -Acute Med Surg/Investigation of Japan Disaster Medical Assistance Team Response Guidelines Assuming Catastrophic Damage From a Nankai Trough Earthquake/2017

- Prehosp Disaster Med/Development of Mass-casualty Life Support-CBRNE (MCLS-CBRNE) in Japan/2016
- Yonago Acta Med/Development of the Japanese National Disaster Medical System and Experiences During the Great East Japan Earthquake/2015
- Disaster Med Public Health Prep/Experience From the Great East Japan Earthquake Response as the Basis for Revising the Japanese Disaster Medical Assistance Team (DMAT) Training Program/2014
- Prehosp Disaster Med/Analysis of Trends and Emergency Activities Relating to Critical Victims of the Chuetsuoki Earthquake/2012
- Prehosp Disaster Med/Establishing Disaster Medical Assistance Teams in Japan/2009
- Gen Hosp Psychiatry/Reliability and Validity of the Japanese Version of the Peritraumatic Distress Inventory/2009
- J Neurol Neurosurg Psychiatry/Neurological Picture. Reversible Posterior Leukoencephalopathy Syndrome Caused by Hanging/2009
- Digestion/New Prediction Rule for Mortality in Acute Mesenteric Ischemia/2009
- Soc Psychiatry Psychiatr Epidemiol/The Tachikawa Cohort of Motor Vehicle Accident Study Investigating Psychological Distress: Design, Methods and Cohort Profiles/2009
- Crit Care Med/Incidence and Prediction of Psychiatric Morbidity After a Motor Vehicle Accident in Japan: The Tachikawa Cohort of Motor Vehicle Accident Study/2008
- Eur J Trauma Emerg Surg/Gluteal Soft Tissue Necrosis After Transcatheter Angiographic Embolization for Pelvic Fracture: A Report of Two Cases/2007
- J Trauma/New Diagnostic Peritoneal Lavage Criteria for Diagnosis of Intestinal Injury/1998

Experience in disaster health management activities:

- 1999 Kyrgyzstan Japanese national abduction incident local task force (Bishkek)
- 2004 International Disaster Relief Team in response to the Great Sumatra Earthquake and Indian Ocean Tsunami Disaster (Thailand)
- 2004 Chuetsu Earthquake DMAT dispatch
- 2007 Noto Earthquake DMAT dispatch
- 2007 Chuetsu-Oki Earthquake DMAT dispatch
- 2008 Hokkaido Toyako Summit Local Medical Response Headquarters
- 2011 Great East Japan Earthquake DMAT Headquarters in Tokyo and Iwate prefectural Headquarters
- 2016 Ise Shima Summit Municipal Minamiise Hospital Support
- 2019 G20 Osaka Summit Kansai International Airport Support
- 2023 G7 Hiroshima Summit Hiroshima Airport Support
- 2024 Noto Peninsula Earthquake DMAT dispatch (Wajima City)
- He had been involved in establishment of Japan DMAT and national aeromedical evacuation system over twenty five years.
- He became the chairman of JADM in 2023.