

Supplement:

Brief summary on the activities of each academic society

Japanese Association for Acute Medicine (JAAM)

As the secretariat of AC2020, JAAM has been in charge of managing the website, editing education and training programs, and coordinating between related academic societies. JAAM have also developed guidelines in collaboration with multiple academic societies.

The Japanese Association for the Surgery of Trauma (JAST)

With the concern that terrorism will occur with the 2020 Tokyo Olympics, JAST has set up a special committee consisting of physicians who are familiar with these medical treatments for gunshot wounds and blast injuries that have little treatment experience in Japan, and has formulated clinical guidelines. The contents of this guideline are used as teaching materials for the Ministry of Health, Labor and Welfare (MHLW) 's project of "Trauma Surgeon Training Course".

The Japanese Society of Intensive Care Medicine (JSICM)

JSICM participated in this consortium at the beginning and started preparations for disaster response by the intensive care unit (ICU), especially in case of MCI. The original Crisis Management Committee of JSICM was formed and released the "Guidance on disaster preparation in the ICU" and a "Textbook on disaster preparation in the ICU." This committee also established MCI management working group in order to prepare a response in case of MCI during the 2020 Tokyo Olympics.

Japanese Association for Disaster Medicine (JADM)

JADM was responsible for a triage and a radio communication training for medical staff at the 2020 Tokyo Olympics. The triage drills were held to prepare for a large-scale disaster at or around the venue. JADM have created e-learning materials for a basic training. A group training was conducted for medical staff after the e-learning.

Japanese Society for Clinical Toxicology (JSCT)

1. Exchanging and sharing of information on the Olympic/Paralympic Medical System.
2. Making Manuals on the Chemical Terrorism.
3. Drawing up the educational materials on Toxidrome.
4. Establishment of Internet Link with 40th Academic meeting of JSCT/Japan Poison

Information Centre joint movie on YouTube named the poisonous gas by the Japanese Traditional Story Telling “Dokugasu Kohdan”.

Japanese Society for Burn Injuries (JSBI)

JSBI provided the flowchart of response for a lightning strike and burn as educational tools as part of the initial medical response at the venue. JSBI also conducted a survey on the number of medical bases and ICU beds required for each prefecture in order to enable appropriate distributed transportation when a large number of severely injured patients occur.

Japanese Society for Emergency Medicine (JSEM)

1. Creation of heat stroke guidelines
2. Preparation of medical guidelines for foreign visitors to Japan
3. Creation of training materials for medical staff and volunteers (for heat stroke and foreign visitors to Japan)"

Japanese Association for Emergency Nursing (JAEN)

1. "Guidelines for nurses to respond to the 2020 Tokyo Olympics" have been created and released.
2. A total of four seminars were held for nurses involved in the 2020 Tokyo Olympics based on this guideline for emergency nurses or ICU nurses.
3. The first aid course for nurses was held twice.
4. A total of two trauma nursing courses were held.

Japan Pediatric Society (JPS)

JPS has been incorporating with AC2020 member organizations and several expertise societies in pediatric subspecialty medicine as well as Tokyo Pediatric Association to make recommendations on such issues specific to pediatric healthcare. Furthermore, the JPS website, "Kodomo QQ Kids Emergency", was translated into traditional and simplified Chinese in addition to English for parents wondering necessity of bringing their children to ER.

The Japanese Society of Clinical Sports Medicine (JSCSM)

JSCSM has been playing a major role for the preparation of FOP (field of play) medical services for Tokyo 2020 in addition to the appointment of member doctors at the Olympic Village Polyclinic. JSCSM has drafted a FOP medical manual and it will be revised to

include counter measures against the spread of COVID-19 in FOP. Appointed doctors for the Polyclinic had a workshop to realize their duties.

At the 30th Annual Meeting of JSCSM (Nov. 16 and 17,2019), the several lectures, symposia, and workshops relating to Tokyo 2020 have been organized. Among them, "Sports in hot and humid environments ~ some consideration for Tokyo 2020" ~ Dr. Stephane Bermon Medical Director, World Athletics, and "The preparation for Tokyo 2020 in your National Team" presented by team doctors from Germany, Austria, Korea and Japan, have done by foreign guest speakers. A symposium "From Rugby World Cup to Tokyo 2020" and a Workshop; "Medical support for para-athletes" were also organized.

AED Foundation of Japan (AEDFJ)

In May 2018, AEDFJ released the statement of "Zero Sudden Cardiac Death at Sports Sites" to support the establishment of a system aiming for zero sudden cardiac death on site at the 2020 Tokyo Olympics. In addition, AEDFJ provided materials of e-learning and practical training of AED usage, and was involved in the practical training for the medical staff and volunteers at the organizing committee.

The Japanese Society of Reanimatology (JSR)

1. Making CPR/AED training and education contents for medical staff and volunteers in collaboration with AEDFJ.
2. JSR has been recruiting CPR/AED instructors from the members.

Japanese association of First aid and Emergency Medicine (JFEM)

JFEM devised a first aid education program for medical staff and first responders at the 2020 Tokyo Olympics, and created e-Learning teaching materials related to lectures and practical skills. JFEM trained the instructors and established an off-the-job training course of "First Responder Course".

Japanese Society for Aeromedical Services (JSAS)

The effectiveness of physician-staffed emergency medical helicopter (p-EMH) lies in its speed of around 200 km/h, greatly reducing travel times. It allows an emergency physician and a nurse to diagnose and treat patients on the scene, and select the most suitable hospital destination. The primary purpose is to transport the patient to a hospital quickly, where radical treatment is available. At the same time, triage and stabilization of vital signs at the scene are also important. It is under consideration which venue the p-EMHs should be resident in and who regulates the arrangement concerning transport between hospitals."

The Japanese Association for Infectious Diseases (JAID)

Since the number of foreign visitors to Japan is expected to increase in connection with the 2020 Tokyo Olympics, JAID has created "Quick reference for the infectious diseases related to inbound." and published it on its website (<http://www.kansensho.or.jp/ref/>). In addition, as a campaign to promote vaccination and infection control for citizens, we started planning ""FUSEGU 2020"" in collaboration with the Japanese Society for Infection Prevention and Control."

Japan Surgical Society (JSS)

JSS has been commissioned the education and training program for trauma surgeons conducted by MHLW continuously from 2017 to 2020. It was established to train surgeons and nurses who can respond to severe trauma patients, especially wounds caused by explosives and firearms, caused by a terrorist disaster during the 2020 Tokyo Olympics. The training included a full-day classroom discussion, plus an off-the-job training using animal (pigs), or cadaver. During 3 years, each 180 doctor and nurse from the institutions throughout the country were completed the program."

Japanese Society for Infection Prevention and Control (JSIPC)

JSIPC has made a video for education and enlightenment in medical facilities to prepare for imported infectious diseases. The points of infectious disease countermeasures in the four scenes of reception / waiting room, outpatient clinic, emergency outpatient department, and inpatient ward were clarified, and improvement in each medical facility was promoted. In addition, when a new coronavirus infection occurred, we conducted awareness on how to take measures against infection so as not to cause medical collapse.

The Japanese Orthopaedic Association (JOA)

JOA has invented and reported the following items for the preparation of MCI during the 2020 Tokyo Olympics and Paralympics.

Questionnaire survey on disaster response for musculoskeletal trauma and development of Web mapping application.

"Tourniquet management in extremity trauma with arterial injury from gunshot or blast injury; the point of tourniquet application and its removal in hospital"

Japan Academy of Critical Care Nursing (JACCN)

"Guidelines for nurses to respond to the 2020 Tokyo Olympics and Paralympics" have

been created and released. In addition, JACN held a total of four training seminars for nurses based on this guideline for emergency nurses or ICU nurses.

Japanese Society of Anesthesiologists (JSA)

After joining AC2020, JSA newly organized the "Olympic and Paralympic MCI Committee" and discussed how to deal with MCI centered on operating room management. In addition, in order to widely disseminate the term "MCI" to the members, JSA created a color poster and posted it to the six branches of JSA and 1425 JSA-certified facilities. In December 2019, JSA prepared the "Guide for In-Hospital Response to MCI" and distributed it to JSA accredited facilities nationwide. With a view to conducting in-hospital simulations, the checklist in this guide includes resources of staff and staff, space, ethical considerations, in-hospital cooperation, surge capacity, and establishment of an in-hospital command system.

Japan Prehospital Trauma Evaluation and Care Council (JPTECC)

JPTECC has developed an educational contents of trauma relief transport of athletes and spectator by rescue staff. JPTECC has dispatched the instructors of the off-the-job training courses for medical staff and health care support team.

Japan Society of Plastic and Reconstructive Surgery (JSPRS)

JSPRS is working to provide backward support for the treatment of acute skin wounds and facial fractures at the 2020 Tokyo Olympics."

The Japan Resuscitation Council (JRC)

JRC is creating "JRC Resuscitation Guidelines 2020" in the fields of adult and pediatric Basic and Advanced Life Support, Neonatal Cardiopulmonary Resuscitation (CPR), Education, Implementation, and Teams, First Aids, Acute Coronary Syndrome, Neuroresuscitation, and Maternal Life Support together with the International Liaison Committee on Resuscitation. Already, JRC started disclosing the draft guidelines for public comments. JRC will provide the information on the guidelines to the CONSORTIUM every time to contribute to formulate official plans.

Also, JRC is providing many CPR training course for medical professionals and citizens including those for ambassadors on the World restart a Heart day.

The Scientific Research Group of Ministry of Health, Labor and Welfare of Japan (SRG-MHLW)

MHLW has launched a research group project centered on the members in support of AC2020 activities since 2017, and has continued to this day. This research group bears a part of the AC2020 HP expenses, and the research products are uploaded to the HP, which greatly contributes to the construction of the emergency medical system in Tokyo 2020. In case of building a medical system at a mass gathering event to be held in the future, these products are expected to be available as a legacy.