

Innovative Research Program on Suicide Countermeasures in FY2021: Report on Commissioned Research Results

**Field 1: Establishing evidence around suicide countermeasures**

**Topic number : 1-3**

Research topic:

Establishment of Self-harm and Suicide Attempt Registry in Emergency Medical Centers to Prevent the Recurrence of Self-harm and Suicide Attempt

Principal Researcher:

Yasufumi Miyake, M.D., Ph.D.

Professor, Department of Trauma and Acute Medicine, Teikyo University, School of Medicine

Co-Researcher:

Yoshiharu Fukuda, M.D., Ph.D.

Professor, Department of Public Health, Teikyo University, School of Medicine

Kazuki Akieda, M.D., Ph.D.

Director, Emergency Medical Center SUBARU Ohta Memorial Hospital

Satoshi Kobayashi, M.D., Ph.D.

Japan Suicide Countermeasures Promotion Center

Tomoyuki Yamashita, M.D.

Emergency Medical Center, Japanese Red Cross Medical Center

Summary:

The details of the suicide attempt or self-harming patients in this country are not yet investigated thoroughly including the background. Most of the severe cases are conveyed to the emergency and critical care centers in approximately 290 places in the whole country and are treated physically including psychiatric evaluation and

follow-up. Around 15,000 cases, data would be gathered if 50 suicide attempts and self-harm patients are admitted a year in each center. It is easy to prospect that the registry of self-harming and suicide attempts and cases within each medical institution would be a significant help for future suicide prevention. In the first year, we conducted a trial for a registry system of suicide attempt cases in limited medical institutions after consent from the Ethical Review Board was obtained, and regulated the deficient system and, checked its safety. Public information and a website were built to probe the effect of the patients' information to collect.