Investigator: Cha, Wonchul, M.D.  
Assistant Professor, Department of Emergency Medicine, SMC

SMC IRB File No.: 2020-02-026  
Protocol Title: Development of delirium prediction algorithm after hospitalization, using the initial admission data from ICU

☑️ Exempt ☐ Not exempt

* Please append details or summarize reason(s) for determination below:

The objective of this research is to develop delirium prediction algorithm after hospitalization, using the initial admission data from ICU by collecting the data retrospectively. The initial admission data are properly de-identified by CDW (clinical data warehouse). Therefore, it meets the IRB exemption research category 3.

* Investigator does not need to submit continuing review or other IRB related reviews to the IRB.  
* If investigator needs to revise research protocol which goes beyond IRB exemption research scope, he/she should re-submit the initial project to the IRB.

Date of Confirmation: Feb. 13, 2020

Institutional Review Board  
Samsung Medical Center  
#81, Irwon-Ro, Gangnam-Gu, Seoul, Korea, 135-710
CONTENTS OF IRB REVIEW

Investigator : Cha, Wonchul, M.D.
Assistant Professor, Department of Emergency Medicine, SMC

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DOCUMENT REVIEWED

1. Delirium Protocol_ver2.0 200206
   - Justification of ICF waivers

2. Delirium CRF ver.2.0(20.02.06)

3. Investigator Declaration Form _ver 4.0_200108

4. PI's CV

5. A Request Form for IRB Expedited Review_ver1.0 200206

6. Publication Plan

Issued by

Seil Jang
IRB Secretary for Administration
Samsung Medical Center

Aug. 27, 2020
Date
**IRB Information**

| Institution       | Samsung Medical Center (SMC)          |
|-------------------|---------------------------------------|
| Address           | #81 Irwon-ro, Gangnam-gu, Seoul, Korea |
| IRB President     | Prof. Hojoong Kim, M.D., Ph.D.        |
|                   | Dept. of Pulmonary and critical care medicine |

SMC IRB abides by the guideline of ICH and GCP.

SMC IRB and the Institution are registered at Office for Human Research Protections (OHRP), U.S. Dept. of Health & Human Services, U.S.A..

Related SMC IRB registration and accreditation information is as follows.

- **Identifier No. (U.S. OHRP)**
  - Organization: IORG0000545 - Samsung Med Ctr
  - Assurance: FWA00002750

- **IRBs**
  - IRB #1: IRB00000877
  - IRB #2: IRB000005489
  - IRB #3: IRB000005490
  - IRB #4: IRB000005491
  - IRB #5: IRB000006642
  - IRB #6: IRB000006643
  - IRB #7: IRB000008480
  - IRB #8: IRB000008481
  - IRB #9: IRB00011389
  - IRB #10: IRB00011390

= Samsung Medical Center has earned the accreditation from the Association for the Accreditation of Human Research Protection Programs, Inc. (AAHRPP) on June 16, 2006.