

Special Issue

Infectious Diseases: Essences for Neurosurgeons

Edited by Editorial Board of the NEUROLOGICAL SURGERY (No Shinkei Geka)

Planned by Takao YASUHARA

Meningitis, Encephalitis, and Myelitis

Satoshi KAMEI 920

Brain Abscess

Kohei KANAYA, Tetsuyoshi HORIUCHI 933

Viral Infection

Mitsuaki HOSOYA 942

Other Central Nervous System Infections (Including Fungus, Tuberculosis and Parasite)

Ryuusuke TAKAKI, Yoshihisa TAKIYAMA 952

Cerebral Blood Vessels and Infection

Atsushi KANOKE, Hidenori ENDO, Teiji TOMINAGA 961

Neuroendovascular Therapy and Infection

Masafumi HIRAMATSU, Jun HARUMA, Tomohito HISHIKAWA, Kenji SUGIU, Isao DATE 969

Treatment for Pyogenic Spondylodiscitis and Spinal Epidural Abscess

Manabu SASAKI, Haruhiko KISHIMA 977

Central Nervous System Diseases That Are Difficult to Distinguish from Infection

Yuhei SANGATSUDA, Osamu TOGAO, Koji YOSHIMOTO 987

Practical Guidelines for the Appropriate Use of Antimicrobial Agents for Prevention of Surgical Site Infection in Various Neurosurgical Fields

Fusao IKAWA 998

Surgical Site Infection Following Craniotomies

Hirota HASEGAWA, Nobuhito SAITO 1008

Surgical Site Infection and Its Prevention and Countermeasures in the Field of Skull Base Surgery

Shinichiro KOIZUMI, Kazuhiko KUROSUMI 1017

Infection in Functional Neurosurgery—Focusing on Device-Based Surgery

Tatsuya SASAKI, Takao YASUHARA, Isao DATE 1027

Surgical Site Infections in Hydrocephalus Surgery and Pediatric Neurosurgery

Koichiro SAKAMOTO, Kou HORIKOSHI, Kaito KAWAMURA, Yasushi IIMURA, Akihito KONDO 1035

Surgical Site Infection in Spine and Spinal Cord Surgery

Yasuhiro TAKESHIMA, Hiroyuki NAKASE 1044

Surgical Site Infections in Patients with Traumatic Brain Injury

Miwa KIYOHARA, Eiichi SUEHIRO 1053

Neurosurgical Emergencies and Coronavirus Infections

Hirotohi IMAMURA, Nobuyuki SAKAI 1061

Central Nervous System and Psychiatric Complications in Long Coronavirus Disease 2019

Hideharu HAGIYA, Fumio OTSUKA 1071

Creutzfeldt-Jakob Disease and Lyodura: A Special Reference to Prion Disease Control in the Field of Neurosurgery

Ichiro TAKUMI, Kozo AKINO 1078

Development of Medical Materials and Infection

Kotaro KOHARA, Takakazu KAWAMATA 1087

COLUMN: Spirit for Prevention of Surgical Site Infection (SSI) in Neurosurgery

Takao YASUHARA, Isao DATE 1095

Review

Utility of Presurgical Evaluation Using Stereoelectroencephalography (SEEG)

Katsuya KOBAYASHI, Juan BULACIO, Dileep R NAIR, Jorge GONZÁLEZ-MARTÍNEZ, Riki MATSUMOTO 1101