

Appendix 1: Member hospitals

The data used in this report was collected from the surgical or gastrointestinal departments of the following 105 hospitals.

Department of Gastroenterological Surgery I, Hokkaido University Graduate School. Hokkaido Cancer Center. Hokkaido P.W.F.A.C Sapporo-Kosei General Hospital. Department Surgery II, Asahikawa Medical University. First Department of Surgery of Sapporo Medical University School of Medicine. Hakodate City Hospital. Department of Surgery, Tohoku University Graduate School of Medicine. Miyagi Cancer Center. Sendai Medical Center. South Miyagi Medical Center. Department of Gastroenterological, General, Breast and Thyroid Surgery, Yamagata University Faculty of Medicine. Yamagata Prefectural Central Hospital. Department of Gastroenterological Surgery, Akita University of School of Medicine. Department of Surgery, Iwate Medical University School of Medicine. Iwate Prefectural Central Hospital. Tokyo Dental College Ichikawa General Hospital. Tokyo Yamate Medical Center. Gastrointestinal Surgery, Jikei University School of Medicine. Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University. Department of Gastroenterological and General Surgery, St. Marianna University Hospital, School of Medicine. The Jikei University Kashiwa Hospital. The Cancer Institute Hospital of JFCR. Tokyo Women's Medical University Medical Center East. Department of Surgery, Nippon Medical School. Kitasato University Department of Surgery. Department of Surgery, Yokohama City University Hospital. Department of Esophageal & Gastroenterological Surgery, Juntendo University Hospital. The Jikei University Katsushika Medical Center. Department of Gastroenterological and General Surgery, Showa University Hospital. Saitama Medical Center, Jichi Medical University. National Cancer Center Hospital East. Department of Surgery, Teikyo University School of Medicine. Tokai University Tokyo Hospital. National Cancer Center Hospital. Kanagawa Cancer Center. Chiba Cancer Center.

Department of Surgical Oncology, Dokkyo Medical University. Showa General Hospital. Yokohama City University Medical Center. Funabashi Municipal Medical Center Ibaraki Prefectural Central Hospital. Department of General Surgical Science, Gunma University, Graduate School of Medicine. Tochigi Cancer Center. National Defense Medical College. Department of Surgery, Jichi Medical University. Gunma General Hospital. Juntendo University Urayasu Hospital. Tokyo Medical University Ibaraki Medical Center. Department of Gastroenterological Surgery, University of Fukui Faculty of Medical Sciences. Niigata City General Hospital. Niigata Cancer Center Hospital. Gastroenterological Surgery Kanazawa University. Aizawa Hospital. Niigata Prefecture Yoshida Hospital. Digestive and General Surgery Niigata University. Nagaoka Chuo General Hospital. Ishikawa Prefectural Central Hospital. Gastroenterological Surgery II, Nagoya University Hospital. Aichi Cancer Center Hospital. Gifu Municipal Hospital. Ogaki Municipal Hospital. Fuji City General Hospital. Nagoya Ekisaikai Hospital. Japanese Red Cross Nagoya Daiichi Hospital. Minoh City Hospital. JCHO Osaka Hospital. Himeji Central Hospital. Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka University. Hyogo Cancer Center. NTT West Osaka Hospital. Division of Gastrointestinal Surgery, Kobe University Hospital. Kyoto Prefectural University of Medicine. Department of General and Gastroenterological Surgery, Osaka Medical College. Osaka City University Hospital. Hoshigaoka Medical Center. Shiso Municipal Hospital. Toyonaka Municipal Hospital. Department of Surgery, Hyogo College of Medicine. Second Department of Surgery, Wakayama Medical University School of Medicine. Wakayama Rosai Hospital. Japanese Red Cross Kyoto Daini Hospital. Department of Surgery, Kinki University Hospital. Kansai Medical University Hirakata Hospital. Osaka Medical Center for Cancer and Cardiovascular Diseases. Department of Surgery, Kochi University. Okayama Saiseikai General Hospital. Department of Digestive and General Surgery, Shimane University Faculty of Medicine. Saiseikai Saijo Hospital. Hiroshima City Asa Hospital. Kure Kyosai Hospital. Matsuyama Shimin Hospital.

Hiroshima City Hospital. National Hospital Organization Okayama Medical Center. National Hospital Organization Shikoku Cancer Center. First Department of Surgery, Nagasaki University School of Medicine. Arita GI Hospital. Nanpuh Hospital. Iizuka Hospital. Gastroenterological Surgery, Fukuoka University Faculty of Medicine. Saga Prefectural Hospital Koseikan. Department of Surgery and Science, Graduate School of Medical Sciences, Kyusyu University. Department of Gastroenterological and Pediatric Surgery, Oita University Faculty of Medicine. Department of Gastroenterological Surgery, Graduate School of Medical Sciences, Kumamoto University. Department of Surgery, Kurume University School of Medicine. Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences.