**Contributors**

All Contributors have been involved in collection of data.

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| --- | --- |
| Hospitals | Responsible persons |
| Sapporo City General Hospital | Takigami Masayoshi |
| Nakamura Memorial Hospital | Kamiyama Kenji |
| Hokkaido University Neurosurgery | Houkin Kiyohiro |
| Sapporo Higashi Tokushukai Hospital | Nishi Shougo |
| Kashiwaba Neurosurgical Hospital | Yoshimoto Tetsuyuki, Kaneko Sadao |
| Nakamura Memorial South Hospital | Oka Koji |
| Takikawa Neurosurgical Hospital | Nakagaki Yusuke |
| Muroran City General Hospital | Ooyama Hiroshi |
| Asahikawa Medical University Hosipital | Kamada Kyousuke |
| Japanese Red Cross Asahikawa Hospital | Makino Kenichi |
| Nayoro City General Hospital | Tokumitsu Naoki, Sako Kazuhiro, Tokumitsu Naoki |
| Rumoi Central Clinic | Suzuki Susumu |
| Japanese Red Cross Kitami Hospital | Suzuki Nozomi |
| Dohtoh Neurosurgical Hospital | Kimura Teruo |
| Medical Corporation Meiseikai Abashiri Neurosurgical Rehabilitation Hospital | Izumi Naoto |
| Hokuto Hospital | Nitta Kazumi |
| Obihiro Kosei General Hospital | Ootaki Masahumi |
| Kushiro Rosai Hospital | Isobe Masanori |
| Hakodate Neurosurgical Hospital | Nishiya Mikio, Yamazaki Takaaki |
| Hakodate Shintoshi Hospital |  |
| Otaru Municipal Medical Center for Brain Cardiovascular and Mental Disorders | Mabuchi Syouji |
| Iwate Medical University | Ogasawara Kuniaki |
| Morioka Red Cross Hospital | Kubo Naohiko |
| Iwate Prefectural Isawa Hospital | Shimizu Yukihiko |
| Iwate Prefectural Iwai Hospital | Saito Keiichi |
| Iwate Prefectural Ofunato Hospital | Yamanome Tatumi |
| Iwate Prefectural Ninohe Hospital | Yabuta Akinori, Suzuki Akira |
| Tokyo Metropolitan Health and Medical Treatment Corporation Toshima Hospital |  |
| Nihon University Itabashi Hospital | Yoshino Atsuo |
| Juntendo University Nerima Hospital |  |
| Corporate Medical Association Shoikai Kasai Shoikai Hospital | Harashina Junichi |
| Inagi Municipial Hospital | Fujitsuka Mitsuyuki |
| National Hospital Organization Disaster Medical Center | Masaoka Hiroyuki |
| Tokyo West Tokushukai Hospital | Takami Masaaki |
| Higashiyamato Hospital | Ohtaka Hirotoshi |
| Kyorin University Hospital | Hirano Teruyuki, Shiokawa Yosiaki |
| Tokyo Metropolitan Health and Medical Treatment Corporation Tama-Hokubu Medical Center | Okada Takaharu |
| Japanese Red Cross Medical Center | Suzuki Ichiro |
| Tokyo Medical University Hospital | Kohno Michihiro, Haraoka Jou |
| Kawakita General Hospital |  |
| Makita General Hospital | Arai Yoshinori, Kawamura Noriyoshi |
| Omori Red Cross Hospital | Isoshima Akira, Yasue Masaharu |
| Nitobe Memorial Nakano General Hospital | Hokari Mitsuhiko, Kobayashi Takayoshi |
| NTT Medical Center Tokyo | Kawai Kensuke |
| Tokyo Medical And Dental University | Maehara Taketoshi |
| Juntendo University Hospital | Arai Hajime |
| Tokyo Women's Medical University | Kawamata Takakazu, Okada Yoshikazu |
| Tokyo Teishin Hospital | Noguchi Makoto |
| Saiseikai Central Hospital | Hoshino Haruhiko |
| Japan Community Health Care Organization Tokyo Takanawa Hospital | Hiyama Hirofumi |
| Tokyo Metropolitan Hiroo Hospital | Yoshida Kensaku |
| Kugayama Hospital | Fujitsuka Mitsuyuki |
| Kosei Chuo General Hospital | Utsugi Osamu |
| Tokyo Yamate Medical Center | Takeda Yasuaki |
| Matsudo City Hospital | Tamaki Kouichi, Karasudani Hirohide |
| Juntendo University Urayasu Hospital | Urabe Takao |
| Nippon Medical School Chiba Hokusoh Hospital | Kobayashi Shiro |
| Narita Red Cross Hospital | Nakamura Michio |
| Chiba Emergency Medical Center | Koguchi Yorio |
| Chiba Cerebral And Cardiovascular Center | Ono Junichi |
| Kimitsu Chuo Hospital | Suda Sumio |
| Kameda Medical Center | Hadeishi Hiromu, Fukutake Toshio |
| New Tokyo Hospital |  |
| Ciba Neurosurgical Clinic | Wakui Kenji |
| National Hospital Organization Chiba Medical Center | Tanno Hirokazu, Ishige Naoki |
| Tokyo Women's Medical University Yachiyo Medical Center | Ohasi Takashi |
| Keishunkai Medical Corporation Kobari General Hospital | Sato Naoaki |
| National Hospital Organization Toyohashi Medical Center | Sakai Hideki, Nishimura Yasuaki |
| Toyokawa City Hospital | Watanabe Takayuki, Matsumoto Takashi |
| Tosei General Hospital | Koketsu Naoki |
| Fujita Health University Hospital | Hirose Yuichi |
| Aichi Medical University Hospital | Doyu Manabu |
| Komaki City Hospital | Hasegawa Toshinori |
| Kasugai Municipal Hospital | Kuwayama Naoto, Terao Shinichi |
| Konan Kosei Hospital | Mizutani Nobuhiko |
| Nagoya Medical Center | Suzaki Noriyuki, Okuda Satoshi |
| Japanese Red Cross Nagoya Daini Hospital | Yasui Keizo, Seki Yukio, Hasegawa Yasuhiro |
| Japan Community Healthcare Organization Chukyo Hospital | Ikeda Akira |
| Meitetsu Hospital | Takeuchi Youtarou, Ohara Sigeki |
| Nagoya University Hospital | Araki Yoshio, Wakabayashi Toshihiko |
| Minato Medical Coop - Kyoritsu General Hospital | Tanaka Hisashi |
| Nagoya Memorial Hospital | Yoshimoto Junpei |
| Okazaki City Hospital |  |
| Anjo Kosei Hospital | Sugiura Makoto |
| Toyota Kosei Hospital | Koichiro Ogura |
| Kainan Hospital | Kobayashi Nozomu |
| Nishio Municipal Hospital | Yokoe Toshio |
| Hekinan Municipal Hospital |  |
| Sakura General Hospital |  |
| Tsushima City Hospital |  |
| Shiroyama Hospital | Murao Kenichi |
| National Hospital Organization Osaka Minami Medical Center | Yamada Tomonori |
| Kinki University Hospital | Kato Amami, Toshiho Ohtsuki |
| Osaka Neurological Institute | Wakayama Akatsuki |
| National Cerebral And Cardiovascular Center | Takahashi Jun, Kataoka Hiroharu |
| Osaka University Hospital | Yoshimine Toshiki |
| Sakai City Medical Center | Nakajima Yoshikazu |
| Baba Memorial Hospital | Gi Hidehuku |
| Bellland General Hospital | Uranishi Ryunosuke |
| Sakai Hospital Kinki University | Nakamura Yusaku |
| Fuchu Hospital | Yamanaka Kazunori, Ohmori Kazumi |
| Kishiwada Tokushukai Hospital | Matsumoto Hiroyuki, Oiwa Yoshitugu |
| Osaka Saiseikai Nakatsu Hospital | Uemura Yosihiko |
| Meisei Hospital | Fujiwara Hiroaki |
| Osaka City General Hospital | Iwai Yoshiyasu |
| Yodogawa Chrlstian Hospital | Morikawa Masashi |
| Osaka Kouseinenkin Hospital |  |
| Tane General Hospital | Tane Kazuyuki |
| Osaka National Hospital | Hashikawa Kazuo, Fujinaka Toshiyuki |
| Nipponbashi Neurosurgical Hospital | Yoneda Shunichi |
| Osaka Red Cross Hospital | Yamashita Kohsuke |
| Osaka Police Hospital |  |
| Tominaga Hospital | Kitano Masahiko, Tominaga Shinsuke |
| Suisyoukai Murata Hospital | Nakamura Kazuhito |
| Saiseikai Noe Hospital | Kono Katsuhiko |
| Osaka City University Graduate School of Medicine | Ohata Kenji |
| Kouzenkai Yagi Neurosurgical Hospital | Taniguchi Hirokatsu |
| Osaka General Medical Center | Hazama Takanori |
| Osaka Medical College | Kuroiwa Toshihiko, Tamura Yoji |
| Takatsuki General Hospital | Maeno Kazusige |
| Midorigaoka Hospital | Arai Motohiro |
| Hoshigaoka Koseinenkin Hospital |  |
| Kansai Medical University Takii Hospital | Iwase Masaaki |
| Matsushita Memorial Hospital | Hashimoto Kenji, Yamada Keisuke |
| Iryouhoujintokushukai Yaotokushukai Sougoubyouin | Turuno Takashi, Ichinose Tsutomu |
| Ishinkai Yao General Hospital | Kurokawa Shinichiro |
| Wakakusa Daiichi Hospital | Matsuyama Takeshi |
| Kawachi General Hospital |  |
| Hanwa Memorial Hospital | Fujita Toshiaki, Yuguchi Takamichi |
| Yuaikai Hospital | Teramoto Yoshihumi, Kakita Hiroto |
| Nagasaki University Hospital | Matsuo Takayuki, Izumo Tsuyoshi |
| Nagasaki Municipal Hospital |  |
| Juzenkai Hospital | Ryu Nobutoshi |
| Saiseikai Nagasaki Hospital | Haraguchi Wataru, Kitagawa Naoki |
| Department Of Neurosurgery Sasebo City General Hospital | Kaminogo Makio |
| Sasebo Chuo Hospital | Sakamoto Seisaburo |
| Sankoukai Miyazaki Hospital |  |
| Nagasaki Prefecture Shimabara Hospital | Tokunaga Yosiharu |
| Nagasaki Kawatana Medical Center | Urasaki Ei-Ichirou |
| Kumamoto University Hospital | Kuratsu Junichi |
| Kumamoto City Hospital | Takada Akira |
| Japanese Red Cross Kumamoto Hospital | Terasaki Tadashi |
| Saiseikai Kumamoto Hospital | Nishi Toru |
| Arao Municipal Hospital | Fuwa Isao, Oosima Hisami |
| Japan Labour Health And Welfare Organization Kumamoto Rosai Hospital | Yamashiro Shigeo |
| Minamata City General Hospital And Medical Center | Yoshikawa Makoto, Tsuiki Hiromasa |
| JCHO Kumamoto General Hospital | Koga Kazunari |
| Uki General Hospital | Egami Hiroshi |
| Nagatomi Neurosurgical Hospital | Nagatomi Hirofumi |
| Tenshindo Hetsugi Hospital | Kawamura Tadao |
| Almeida Memorial Hospital | Goda Makoto |
| Oita Prefectural Hospital | Takeda Yu |
| NHO Beppu Medical Center | Mitsuo Kunihiko |
| JCHO Nankai Medical Center | Hikawa Takamitu, Morisige Masaki, Takeda Yuu |
| Oita Oka Hospital | Yamaguchi Yutaka |
| Seiwakai Wada Hospital | Miyata Shiro, Uchinokura Shunro |
| Junwakai Memorial Hospital | Goya Tomokazu |
| University Of Miyazaki Hospital | Takeshima Hideo |
| Fujimoto General Hospital | Yatsushiro Kazutaka |
| Miyakonojo Medical Association Hospital | Ohta Hajime |
| Imakiire General Hospital | Nagadou Tatsui |
| Kagoshima City Hospital | Hirahara Kazuho |
| Kouseikai Obara Hospital | Obara Souichi |
| Izumi　Generai Medical Center | Seto Hiroshi |
| Kagoshima Prefectural Kanoya Medical Center | Tanaka Shunichi |
| Tokuda Neurosurgical Hospital | Moroki Koiti |
| Kagoshima University Graduate School Of Medicine And Dental Sciences | Arita Kazunori |
| University Of The Ryukyus Hospital | Ishiuchi Shogo |
| Okinawa Prefectural Hokubu Hospital | Uchihara Toshimitsu |
| Urasoe General Hospital | Mekaru Susumu |
| Okinawa Prefectural Nanbu Medical Center And Children's Medical Center | Nagamine Tomoaki |
| Naha City Hospital | Tomiyama Naoki, Momoji Jin |
| Okinawa Miyako Hospital | Yamamoto Satoshi |
| Okinawa Kyodo Hospital | Idomari Kouzi, Kimoto Atusi |
| Nanbu Tokushukai Hospital | Kadekaru Tsutomu |
| Okinawa Prefectural Yaeyama Hospital | Syamoto Hirosi |
| Niigata City General Hospital | Sasaki Osamu |
| Shinrakuen Hospital | Minagawa Makoto |
| Kuwana Hospital |  |
| Niigata University Medical & Dental Hospital | Fujii Yukihiko |
| Niigata Cancer Center Hospital | Takahashi Hideaki |
| Niigata Minami Hospital |  |
| Niigata Neurosurgical Hospital | Onda Kiyoshi, Arai Hiroyuki |
| Nagaoka Chuo General Hospital | Takeuchi Shigekazu |
| Tachikawa General Hospital | Abe Hiroshi |
| Saito Memorial Hospital | Fukuda Osamu |
| Niigata Tokamachi Hospital | Kouno Mitsuo |
| Niigata Prefectural Central Hospital | Tamura Tetsuro |
| Itoigawa General Hospital |  |
| Saiseikai Toyama Hospital | Horie Yukio, Kubo Michiya |
| Toyama Prefectural Central Hospital | Hondo Hiroaki |
| Toyama City Hospital | Tadao Miyamori |
| Himi Municipal Hospital | Takada Hisashi |
| Tonami General Hospital | Masuoka Toru |
| Shinseikai Toyama Hospital |  |
| Kaga City Hospital | Shirasaki Naoki |
| Komatsu Municipal Hospital | Nitta Hisashi |
| Yawata Medical Center | Kimura Makoto, Katsuki Yasuo |
| Ishikawa Prefectural Central Hospital | Hayashi Yutaka, Minamide Hisato, Munemoto Shigeru |
| Kanazawa Medical Univercity | Shiraga Shunsuke |
| National Hospital Organization Kanazawa Medical Center | Ikeda Kiyonobu |
| Kanazawa University | Nakada Mitsutoshi, Hayashi Yutaka |
| Kanazawa Neurosurgical Hospital | Sato Syuji |
| Japanese Red Cross Fukui Hospital | Hatano Taketo |
| University Of Fukui Hospital | Yamamura Osamu |
| Fukui Social Insurance Hospital | Kabuto Masanori |
| Hayashi Hospital | Sakuma Takahiro, Hayashi Jyunya |
| Tannan Regional Medical Center |  |
| University Of Yamanashi | Kinouchi Hiroyuki |
| Yamanashi Prefectural Central Hospital | Koizumi Hidehito |
| Yamanasi Kosei Hospital | Uchida Mikito |
| Fujiyoshida Hospital | Imae Syougo |
| Yamanashi Redcross Hospital | Ozawa Hiroshi |
| Juzen General Hospital |  |
| Saiseikai Imabari Hospital | Nishizaki Osamu |
| Ehime Prefectural Imabari Hospital | Fujita Manabu |
| Matsuyama Shimin Hospital | Suga Masakazu |
| Ehime Prefectural Central Hospital | Iwata Shinji, Kohno Kanehisa |
| Ehime University School of Medicine | Kunieda Takeharu |
| Uwajima City Hospital | Zenke Kiichiro |
| Katagi Neurological Surgery | Fujisawa Mutsuo |
| Okinawatokushuukai Uwajima Tokushukai Hospital | Sadashima Hiromichi |
| Izumino Hospital | Mizobuchi Hikaru |
| Chikamori Hospital (Chikamori Health Care Group) | Hayashi Satoru |
| Kochi Health Sciences Center | Morimoto Masanori |
| Japanese Red Cross Kochi Hospital | Kohno Takeshi |
| Kochi Medical School | Ueba Tetsuya |
| Kochi Prefectural Hata Kenmin Hospital | Nishimura Hiroyuki |
| Medical Corporation Usuikai Tano Hospital | Ikawa Naoki |
| Kagawa Prefectural Central Hospital | Matsumoto Yuzo |
| Takamatsu Municipal Hospital | Kannuki Seiji |
| Takamatsu Red Cross Hospital | Kagawa Masahiro |
| Osaka Neurosurgical Hospital | Hayashi Naoki |
| Kagawa University Faculty Of Medicine | Tamiya Takashi, Shindo Atsushi |
| Kagawa Rosai Hospital | Yoshino Kimihiro |
| Kaisei Hospital |  |
| Mitoyo General Hospital | Masaoka Tetsuya |
| Kokura Memorial Hospital | Nakahara Ichiro |
| Steel Memorial Yawata Hospital | Nakamizo Akira, Suzuki Satoshi |
| Fukuokaken Saiseikai Yahata General Hospital | Okamoto Yuji |
| Fukuoka Shin Mizumaki Hospital | Kin Shigenari |
| Obase Hospital | Takahashi Haruki |
| Fukuoka Kieikai Hospital | Suzuki Satoshi |
| Kyushu University Hospital | Iihara Koji |
| Fukuoka City Hospital | Hirakawa Katsuyuki |
| National Hospital Organization Kyushu Medical Center | Nagata Shinji |
| Saiseikai Fukuoka General Hospital | Ookura Akio |
| Hamanomachi Hospital | Matsukado Koichirou |
| Fukuoka Tokushukai Medical Center | Yoshida Hidenori, Kaneko Yoshiro |
| NHO Fukuoka Higashi Medical Center | Nakane Hiroshi |
| Fukuokaseisyukai Hospital | Inoue Isao |
| Hachisuga Hospital | Maeda Yoshihisa, Hisada Kei |
| Shin Koga Hospital | Hitotsumatsu Tsutomu |
| Omuta City Hospital | Kuramoto Terukazu, Kuramoto Kouichi |
| Kawasaki Hspital | Hayashi Junya |
| Seihokai Tanushimaru Chuo Byoin | Matumoto Yoshihisa, Ooishi Hiromichi |
| Fukuoka University Hospital | Inoue Tooru, Nonaka Masani |
| Kurume University Hospital | Morioka Motohiro |
| Kitakyushu Municipal Medical Center | Mizoguchi Masahiro, Tsukamoto Haruhisa |
| Saga-Ken Medical Centre Koseikan | Sugimori Hiroshi, Sakata Shuji, Takashima Hiroshi |
| Yayoigaoka Kage Hospital | Ishihara Shin-Ichiro |
| Karatsu Red Cross Hospital | Suzuyama Kenji |
| Imari Arita Kyoritsu Hospital | Momozaki Nobuaki |
| NHO Ureshino Medical Center | Miyazono Masayuki |
| Yokohama Shintoshi Neurosurgical Hospital | Morimoto Masafumi, Hattori Itaro, Ozaki Satoshi |
| Yokosuka General Hospital Uwamachi | Hirota Nobuo |
| Yokohama City Minato Red Cross Hospital | Takemoto Yasunori, Mochimatsu Yasuhiko, Takagi Makoto |
| Yokohama stroke and Brain Center | Yamamoto Isao, Nakayama Kenji |
| Yokohama Rosai Hospital |  |
| Chigasaki Municipal Hospital | Uchida Yoshinori, Tanaka Hiroshi |
| Yokohama City University Medical Center | Sakata Katsumi |
| Yokohama City University Hospital | Nobutaka Kawahara |
| Yokohama Sakae Kyosai Hospital | Nomura Motohiro |
| Ushioda General Hospital | Ozawa Hitoshi |
| Kawasaki Saiwai Hospital | Tsumura Kotaro |
| Saiseikai Yokohamashi Tobu Hospital | Inaba Makoto, Maruyama Michiyuki |
| Social Insurance Yokohama Chuo Hospital | Mori Tatsuro |
| Showa University Fujigaoka Hospital | Terada Tomoaki |
| Shonan Kamakura General Hospital | Mori Takahisa |
| Sagamihara Kyodo Hospital | Sugitani Masato |
| St. Marianna University School Of Medicine | Tanaka Yuichiro |
| Yamato Municipal Hospital | Yamada Masaru |
| Tokai University School of Medicine | Matsumae Mitsunori |
| Tomei Atsugi Hospital | Onitsuka Keiichirou |
| National Hospital Organization Yokohama Medical Center | Miyahara Kosuke, Takahashi Tatsuya |
| Yokohama Shin-midori General Hospital | Endou Sumio |
| Saitama City Hospital | Kojima Atsuhiro |
| Ageo Central General Hospital | Takahashi Hidekazu |
| Musashino General Hospital | Kaidu Hiroyuki |
| Koshigaya Municipal Hospital | Tsunoda Akira, Maruki Chikashi |
| Saitama Medical Center | Nomura Kyoichi, Matsui Toru |
| Saitama Medical University Hospital | Fujimaki Takamitsu |
| Saitama Cardiovascular And Respiratory Center | Ooigawa Hidetoshi |
| Kan-Etsu Hospital | Tanaka Masahiko, Uchida Masatsugu |
| Saiseikai Kurihashi Hospital | Wanihuti Hiroshi, Katoh Kouiti |
| Fukaya Red Cross Hospital | Wada Hirochiyo |
| Dokkyo Medical University Koshigaya Hospital | Hyodo Akio |
| Japanese Red Cross Maebashi Hospital | Asakura Ken |
| Isesaki Municipal Hospital | Nakajima Shigeyoshi |
| Institute Of Brain And Blood Vessels Mihara Memorial Hospital | Kanzawa Takao |
| Takasaki General Medical Center | Kurihara Hideyuki |
| Kurosawa Hospital | Ohmori Sigehiro |
| Nishiagatsuma Welfare Hospital | Yoshinao Mitsugi, Kusunoki Hiroshi |
| Kiryu Kosei General Hospital | Magarisawa Satoshi |
| Fuji Heavy Industries Health Insurance Society Ota Memorial Hospital |  |
| Mito Saiseikai General Hospital |  |
| Seirei Memorial Hospital | Okabe Shinichi |
| Tsuchiura Kyodo General Hospital |  |
| Ibaraki Prefectural Central Hospital | Kujiraoka Yuuji |
| JA Toride Medical Center | Tsuruoka Shin |
| Ushiku　Aiwa　General　Hospital | Takeshita Mikihiko |
| University Of Tsukuba | Yamamoto Tetsuya, Matsumura Akira |
| Tsukuba Medical Center Hospital | Uemura Kazuya |
| Namegata District General Hospital | Tabata Hitoshi |
| National Hospital Organization Mito Medical Center | Sonobe Makoto |
| Ibaraki Seinan Medical Center Hospital |  |
| Ashikaga Red Cross Hospital |  |
| Saiseikai Ustunomiya Hospital | Nakatsukasa Masashi, Yoshida Ryoji |
| Sano Kousei General Hospital |  |
| Shimotsuga General Hospital | Shimoeda Norifumi |
| Fujii Neurosurgical Hospital | Kunimine Hideo |
| Tochigi Medical Center | Ishihara Masayuki |
| Kurosu Hospital | Teduka Mikio |
| Kyoto City Hospital | Murai Nozomu |
| Takeda Hospital | Taki Waro |
| Saiseikai Kyoto Hospital | Murakami Nobukuni |
| Second Okamoto General Hospital | Kidooka Minoru |
| Kyoto Yamashiro General Medical Center | Iwamoto Yoshihiro |
| Kyoto Second Red Cross Hospital | Tenjin Hiroshi |
| Ayabe City Hospital | Shiga Kouji, Takamasu Masahiko |
| Kyoto Miniren Chuo Hospital | Mori Nobuhito |
| Kosei Hospital | Kose Shigeru |
| Kobe University Hospital | Kohmura Eiji |
| National Hospital Organization Kobe Medical Center |  |
| Kobe Red Cross Hospital | Yamashita Haruo |
| JCHO Kobe Central Hospital | Matsumoto Keigo |
| Shinko Hospital |  |
| Nishikobe Medical Center | Takeda Naoya |
| Hyogokenritu\_Nishinomiya\_Hospital | Sakaki Takayuki |
| Nishinomiya Kyoritsu Neurosurgical Hospital | Miyake Hiroji |
| Hyogo Prefectural Amagasaki General Medical Center |  |
| Takarazuka City Hospital | Mabuchi Eiichiro |
| The Veritas Hospital | Yokota Masayuki |
| Ohnishi Neurological Center | Ohnishi Hideyuki, Kuga Yosihiro |
| Kakogawa West City Hospital |  |
| Nishiwaki Municipal Hospital | Kimura Mitsuru |
| Hyogo Brain and Heart Center |  |
| Steel Memorial Hirohata Hospital |  |
| Tsukazaki　Hospital |  |
| National Hospital Organization Himeji Medical Center | Narumi Osamu, Saiki Masaaki, Nakajima Norio |
| Japanese Red Cross Society Himeji Hospital |  |
| Ako City Hospital | Asahi Minoru |
| Koritsu Toyooka Byoinkumiairitsu Toyooka Hospital | Koyama Junji |
| Hyogo Prefectual Awaji Medical Center | Sakagami Yoshio |
| Itami Kousei Neurosurgical Hospital | Noda Shinya |
| Nara Prefectural Nara Hospital | Iida Junichi |
| Saiseikai Chuwa Hospital | Fujita Toyohisa |
| Nara Medical University | Nakase Hiroyuki |
| Saiseikai Gose Byouin |  |
| Nation Hospital Organization Nara Medical Center | Hirabayashi Hidehiro, Hoshida Toru |
| Matumotokaiseikai Nishinara Central Hospital | Fujimoto Takayoshi |
| Wakayama Medical University Hospital | Nakao Naoyuki |
| Wakayama Medical University Kihoku Hospital | Tanaka Yoshiyuki |
| Hidaka General Hospital | Ozaki Fuminori |
| Minami Wakayama Medical Center | Nakamura Yoshinari |
| Shingu Municipal Medical Center | Miki Kazuhito |
| Wakayama Seikyo Hospital | Habu Teruyuki |
| Tottori University | Watanabe Takashi |
| Yonago Medical Center |  |
| Hirosaki University School Of Medicine And Hospital | Ohkuma Hiroki |
| Kuroishi General Hospital | Hasegawa Seiko |
| Japanese Red Cross Society Hachinohe Hospital | Konno Hiromu |
| Aomori City Hospital | Takemura Atsuhito |
| Odate Municipal General Hospital | Okubo Atsuya |
| Akita　City　Hospital | Saito Hitoshi |
| Research Institute For Brain And Blood Vessels - Akita | Ishikawa Tatsuya, Nakase Taizen |
| Akita University Hospital | Shimizu Hiroaki, Sasajima Toshio |
| Kazuno Kosei Hospital | Sasou Masayuki |
| Fukushima Red Cross Hospital | Watanabe Yoichi |
| Fukushima Medical University Hospital | Sato Taku, Saito Kiyoshi |
| Fujita General Hospital | Taira Satoshi, Satoh Masahiro |
| Southern Touhoku General Hospital | Watanabe Zenichiro |
| Takeda General Hospital | Koizumi Takayuki |
| Iwaki Kyoritsu General Hospital | Suzuki Yasuhiro, Mashiyama Shoji |
| Minamisouma City General Hospital | Oikawa Tomoyoshi |
| Yamagata University Hospital | Sonoda Yukihiko |
| Yamagata City Hospital Saiseikan | Kondo Rei, Saito Shinjiro |
| Shinoda General Hospital | Shinoda Atsuo |
| Kitamurayama Hospital | Kamatsuka Eiichiro |
| Yamagata Prefectural Shinjo Hospital | So Keiten |
| Okitama Public General Hospital | Kinjo Toshihiko |
| Yonezawa City Hospital | Sasaki Tooru, Itou Kennji |
| Sanyudo Hospital | Kudoh Yohei |
| Tsuruoka Municipal Shonai Hospital | Sato Kazuhiko |
| Kohnan Hospital | Endo Hidenori, Shimizu Hiroaki |
| Sendai City Hospital | Karibe Hirosi |
| Furukawaseiryou Byouin | Takahashi Kou |
| Omihachiman Community Medical Center | Nakajima Masayuki |
| Kohka Public Hospital | Watanabe Kazuyoshi |
| Shiga University Of Medical Science | Nozaki Kazuhiko |
| Otsu Municipal Hospital | Takayama Motohiro |
| Nagahama City Hospital | Komuro Taro |
| Koto Memorial Hospital | Hirai Hisao, Suzuki Fumio |
| Yokkaichi Municipal Hospital |  |
| Mie University Hospital | Suzuki Hidenori |
| Saiseikai Matsusaka General Hospital | Murata Hiroto |
| Ise Red Cross Hospital | Miya Fumitaka |
| Kuwana West Medical Center |  |
| Suzuka Kaisei Hospital | Kanamaru Kenji |
| Fuji Brain Institute Hospital | Tamura Akira |
| Shizuoka General Hospital | Harada Kiyoshi |
| Shizuoka Municipal Hospital | Fukazawa Seiji |
| Yaizu City Hospital | Takehara Seiya |
| Hamamatsu Rosai Hospital Japan Labour Health and Welfare Organization | Watanabe Yoshihiko |
| Hamamatsu Medical Center | Nakayama Teiji |
| Seirei Mikatahara General Hospital | Sato Haruhiko, Nagura Hiroshi |
| Fukuroi Municipal Hospital |  |
| Iwata Municipal General Hospital | Amano Shinji, Tanoi Chiharu |
| National Hospital Organization Shizuoka Medical Center | Kuroda Katsuhiro |
| Fuji City General Hospital | Morooka Satoru |
| Shizuoka Children's Hospital | Wataya Takafumi, Kitagawa Masashi |
| Kakegawa Municipal General Hospital | Koide Kazuo |
| Gifu Municipal Hospital | Tanigawara Tetsuya |
| Gifu University Hospital | Iwama Toru |
| Gifu Prefectural Tajimi Hospital | Ito Junki |
| Toki General Hospital | Noda Shinji |
| Saku Central Hospital | Kouno Kazuyuki |
| Aizawa Hospital | Kitazawa Kazuo |
| Nagano Municipal Hospital | Kusano Yoshikazu, Takemae Toshiki |
| Nagano Prefectural Suzaka Hospital |  |
| Shinonoi General Hospital | Hokama Masanobu |
| Suwa Central Hospital | Sato Hiroki, Nishiyama Yoshihisa |
| Seguchi Neuro Surgery Hospital | Seguchi Tatsuya |
| Iida Municipal Hospital | Kobayashi Sumio, Inui Yoshihiko, Oohigashi Youji |
| Showa Inan General Hospital | Muraoka Shinsuke |
| Japanese Red Cross Society Azumino Hospital | Miyatake Masaki |
| Azumi General Hospital | Hayashida Kensuke, Shinichi Nakagawa |
| Nagano Prefectural Kiso Hospital | Inoue Atsushi |
| Nho Shinshu Ueda Medical Center | Sakai Keiichi |
| Shimane University Hospital | Yamaguchi Shuhei |
| Shimane Prefectural Central Hospital | Mizoue Tatsuya, Ikawa Fusao |
| Yasugi Municipal Hospital | Ishida Gen, Irie Hideki |
| National Hospital Organization Hamada Medical Center | Kagawa Takato |
| National Hospital Organization Okayama Medical Center | Namba Yoichiro |
| Okayama Kyokuto Hospital | Nakashima Hiroyuki |
| Okayama City Hospital | Tokunaga Koji |
| Okayama University Hospital | Date Isao, Abe Koji |
| Kawasaki Medical School Hospital | Uno Masaaki |
| Kurashiki Central Hospital | Chin Masaki, Yamagata Sen |
| Kurashiki-Heisei Hospital | Sasayama Hidemiti, Takao Soitiro |
| Tsuyama Chuo Hospital | Yoshida Hideyuki, Muneda Kouji |
| Okayama Kyoritsu General Hospital |  |
| Mizushima Central Hospital |  |
| Kasaoka Daiichi Hospital | Watanebe Akira |
| Tokuyama Central Hospital | Harada Kunihiko |
| Saiseikai Yamaguchi General Hospital | Katou Syouichi |
| Yamaguchi Prefectural Grand Medical Center |  |
| Japanese Red Cross Yamaguchi Hospital | Hamada Yasuhiro |
| Department Of Neurosurgery, Yamaguchi University School Of Medicine | Suzuki Michiyasu |
| Ube Industries Central Hospital | Nishizaki Takafumi |
| Kanmon Medical Center | Yamashita Katsuhiro |
| Shimonoseki City Hospital | Nakamura Takaharu, Nakamura Ryuji |
| Shimonoseki Medical Center |  |
| Hiroshima Red Cross Hospital & Atomic-Bomb Survivors Hospital |  |
| Suiseikai Kajikawa Hospital | Wakabayashi Shinichi |
| Hiroshima University Hospital | Okazaki Takahito, Kurisu Kaoru, Matsumoto Masayasu, Hosomi Naohisa |
| Hiroshima Prefectural Hospital | Tominaga Atsushi, Kiya Katsuzo |
| Araki Neurosurgical Hospital | Shibukawa Masaaki, Oki Syuichi |
| Hiroshima City Asa Hospital |  |
| Itsukaichi Memorial Hospital |  |
| Mazda Hospital | Nakahara Toshinori |
| Chugoku Rosai Hospital | Okita Shinji |
| National Hospital Organization Kure Medical Center | Torii Tuyosi |
| Kure Kyosai Hospital |  |
| Rijinkai Medical Foundation Socio-Medical Corporation Kohsei General Hospital | Nakagawa Minoru, Fujiwara Kenjirou |
| Mitsugi General Hospital | Matsuoka Takashi, Nishimura Syuuhei |
| Brainattack Center Oota Memorial Hospital |  |
| Miyoshi Central Hospital | Hamasaki Osamu, Isobe Naoyuki |
| Tokushima University | Satomi Junichiro, Nagahiro Shinji |
| Tokushima Prefecture Naruto Hospital | Agawa Masahito |
| Tokushima Prefectural Kaifu Hospital | Oka Hirofumi |
| Houetsu Hospital |  |
| Kansai Medical University Hirakata Hospital | Yoshimura Kunikazu |
| Japan Labor Health Welfare Organization Kyushu Rosai Hospital | Haga Sei |
| Teinekeijinkai Hospital | Asaoka Katsuyuki |
| Sapporo Azabu Neurosurgical Hospital | Nakamura Toshitaka |
| Hakodate Central General Hospital | Kato Tsutomu |
| Hokusyoukai Otaru Chuo Hospital | Kobayasi Nobuaki, Minoshima Satoshi |
| Sapporo Medical University Hospital | Mikuni Nobuhiro |
| Hakodate Municipal Hospital | Niwa Jun |
| Sapporo Teishinkai Hospital | Tanikawa Rokuya |
| Shinsapporo Neurosurgical Hospital | Yamamura Akinori |
| Sendai East Neurosurgical Hospital | Watabe Noriaki |
| JA Akita Kouseiren Oomagari Kousei Medical Center | Sasaki Jyunkou |
| Noshiro Kosei Medical Center | Otawara Yasunari |
| Iwate Prefectural Kuji Hospital | Miura Kazuyuki |
| Tohoku University Hospital | Tominaga Teiji |
| Aomori Prefectural Central Hospital | Sasaki Tatsuya |
| Iwate Prefectural Central Hospital | Sugawara Takayuki |
| NHO Sendai Medical Center | Ezura Masayuki |
| Ishinomaki Red Cross Hospital | Ishikawa Syuichi |
| Social Welfare Organization Saiseikai Imperial Gift Foundation Inc.Yamagata Saisei Hospital | Takemura Sunao |
| Ohta Nishinouchi Hospital | Kawakami Masahisa |
| Tokyo Metropolitan Childrens Medical Center | Ihara Satoshi |
| Mito Kyodo General Hospital | Shibata Yasushi |
| Chiba Rosai Hospital | Saegusa Takashi |
| Chiba Cancer Center | Iuchi Toshihiko |
| Chiba Children's Hospital | Ito Chiaki |
| Saiseikai Kawaguchi Hospital | Isimaru Sumio |
| Juntendo Tokyo Koto Geriatric Medical Center | Okuda Osamu |
| School Of Medicine Keio University | Yoshida Kazunari |
| Jinmeikai Akiyama Hospital of Neurosurgery and Internal Medicine | Akiyama Takekazu |
| Tokyo Dental College Ichikawa General Hospital | Suga Sadao, Katayama Masateru |
| Mitsuwadai General Hospital | Kasai Masahiko |
| Ebina General Hospital |  |
| Tokyo Metropolitan Health and Medical Treatment Corporation Ohkubo Hospital | Akihiro Oikawa |
| Itabashi Chuo Medical Center | Miura Naohisa |
| Tokyo Metropolitan Tama Medical Center | Ota Takahiro |
| Teraoka Memorial Hospital | Takenobu Atumi |
| Kitasato University School Of Medicine | Kumabe Toshihiro |
| Yokohama Asahi Chuo General Hospital | Suzuki Sachio |
| Yamagata Prefectural Central Hospital | Kumagai Takashi |
| Japanese Red Cross Akita Hospital | Nishimaki Keiichi |
| Shinshu University Hospital | Hongo Kazuhiro |
| Nagano Children's Hospital | Shigeta Hiroaki |
| Ina Central Hospital | Sato Atsushi |
| Toyama University Hospital | Kuroda Satoshi |
| Keiju Medical Center | Higashi Sotaro |
| Toyohashi Municipal Hospital | Oyama Hirofumi |
| Chubu Rosai Hospital | Hattori Kazuyoshi |
| Kamiiida Daiichi General Hospital | Uozumi Yoichi |
| Nagoya Central Hospital | Nakahara Norimoto |
| Nagoya City East Medical Center | Hashimoto Nobukazu |
| Chutoen General Medical Center | Ichihashi Toshikazu |
| Japanese Red Cross Takayama Hospital | Takenaka Katsunobu, Nonaka Yuko |
| Daiyukai General Hospital | Shirakami Shinichi, Imai Shu |
| Seikeikai Hospital | Okumura Yoshinari |
| Higashiosaka City General Hospital | Tamaki Ryo, Yokoyama Kazuhiro |
| Kyoto University Graduate School Of Medicine | Miyamoto Susumu |
| Tenri Hospital | Akiyama Yoshinori |
| Kishiwada City Hospital | Hashimoto Kenji |
| Rakuwakai Otowa Hospital | Yamamoto Kazuo |
| First Towakai Hospital | Ichioka Tsugumichi |
| Kano Hospital | Nakazawa Kazutomo |
| Moriguchi-Ikuno Memorial Hospital | Nishikawa Misao |
| Ishikiriseiki Hospital | Inoue Tsuyoshi |
| Osaka Medical Center for Cancer and Cardiovascular Diseases | Kinoshita Manabu |
| Rinku General Medical Center |  |
| Hyogo College Of Medicine | Yoshimura Shinichi |
| Akashi City Hospital | Saitoh Minoru |
| Hyogo Prefectural Kakogawa Medical Center | Aihara Hideo |
| Tokushima Red Cross Hospital | Miyake Hajimu |
| National Hospital Organization, Iwakuni Clinical Center | Ogihara Kotaro, Nishiura Tukasa |
| Hiroshima City Hiroshima Citizens Hospital | Nishino Shigeki |
| Okayama Saiseikai General Hospital | Miyoshi Yasuyuki |
| Fukuyama City Hospital | Arisawa Tadashi |
| Onomichi Municipal Hospital | Daido Shigeru, Tsuchimoto Shoji |
| Kaneda Hospital | Kinoshita Kimihisa |
| Higashihiroshima Medical Center | Yuki Kiyoshi, Migita Keisuke |
| Tottori Municipal Hospital | Akatsuka Keiichi |
| Shuto General Hospital | Fujisawa Hirosuke |
| University Of Occupational And Environmental Health | Yamamoto Junkoh |
| Japan Community Health Care Organization Kyushu Hospital | Inoha Satoshi |
| Kyushu Central Hospital Of The Mutual Aid Association Of Public School Teachers | Takaba Hitonori |
| Harasanshin Hospital | Shono Tadahisa |
| Japanese Red Cross Fukuoka Hospital | Tsugu Hitoshi |
| Hakujyuji Hospital | Hayashi Shuji |
| School Of Medicine, Saga University | Abe Tatsuya, Matsushima Toshio |
| St. Mary's Hospital | Nakashima Susumu |
| Tobata Kyoritsu Hospital | Tuji Takehisa |
| JCHO Hitoyoshi Medical Center | Yamamoto Keizou |
| Koseiren Tsurumi Hospital | Kaga Akihiko |
| Sanseikai Kanemaru Neurosurgery Hospitaｌ | Kanemaru Reizou |
| Atsuchi Neurosurgical Hospital | Takasaki Koji |
| Kagoshima Medical Center | Imamura Junichi |
| Okinawa Red Cross Hospital | Noha Masahiro |
| Asahi General Hospital | Watanabe Saburo |
| Kobe City Medical Center General Hospital | Sakai Nobuyuki |
| Yoshida Hospital.Cerebrovascular Research Institute | Yoshida Yasuhisa, Minami Hiroaki |
| Teishinkai Hospital | Okumura Tomoyoshi |
| Southern Tohoku General Hospital | Nishimura Shinjitsu |
| Tokyo General Hospital | Numazawa Shinichi |
| St. Luke's International Hospital | Niimi Yasunari |
| Fukuoka University Chikushi Hospital | Kazekawa Kiyoshi, Tsutsumi Masanori |
| Fukuoka Wajiro Hospital | Fukuyama Kouzou |
| Shintakeo Hospital | Ichinose Makoto |
| Kansai Electric Power Hospital | Fujimoto Yasuhiro |
| Tomakomai Higashi Hospital | Hashimoto Youichi |
| Date Red Cross Hospital | Matsuoka Takeshi |
| Hirosaki Stroke And Rehabilitation Center | Uchizawa Takamitsu |
| Kitakami Saiseikai Hospital | Satou Tomohiko |
| Kamagaya General Hospital | Sawaura Hiroaki |
| Higashitotsuka Memorial Hospital | Utsuki Satoshi |
| National Hospital Organization Niigata National Hospital | Takahashi Chiaki |
| Toyama Red Cross Hospital | Yamatani Kazumasa |
| Maruko Central Hospital | Tsukada Toshiyuki |
| Okaya City Hospital | Hayashi Ryoichi |
| Kenwakai Hospital | Kitahara Masakazu |
| Suwa Red Cross Hospital | Kakizawa Yukinari |
| Kyoto-Katsura Hospital | Yamamoto Yasumasa |
| Shimizu Hospital | Yoshida Takashi |
| Social Welfare Organization Saiseikai Imperial Gift Foundation Inc.Osaka Saiseikai Ibaraki Hospital | Gotou Yasunobu |
| Kobe Ekisaikai Hospital | Tominaga Takashi |
| Kitaharima Medical Center | Miyake Shigeru |
| Fujii Masao Memorial Hospital | Mori Nozomi |
| HITO Medical Center | Shinohara Naoki |
| Chidoribashi Hospital | Ejima Yasushi |
| Souseikai Shin Yoshizuka Hospital | Mori Mayumi |
| Miyake Neurosurgical Hospital | Miyake Hitoshi |
| Nakatsu Municipal Hospital | Koga Hiromichi, Matsumoto Kenichi |
| Nakatsu Neurosurgical Hospital | Morimoto Kazuya |
| Otaru General Hospital | Niiya Yoshimasa |
| Shuuwa General Hospital | Shishido Tsuneo |
| Fukuchiyama City Hospital | Murakami Mamoru |
| Saku Central Hospital Advanced Care Center | Yoshida Takaaki |
| Inazawa Municipal Hospital | Hara Masahito |
| Nishitokyo Central General Hospital | Nakamura Tatsuya |
| Koyama Memorial Hospital | Kawai Takuya |
| The Foundation Shinwakai Yachiyo Hospital | Inoue Takashi |
| Ainomiyako Neurosurgery Hospital | Sasaki Isao |
| Fukuokaken Saiseikai Futsukaichi Hospital | Fujimura Naoko |