

The American Heart Association (November 13–17, 2020 A virtual experience) Association between Left Atrial Global Peak Longitudinal Strain and TGF $\beta$ 1 in Cardiovascular Surgery Patients. Hiroko Yazawa, Toshiaki Nakajima, Akiko Haruyama, Suguru Hirose, Hironaga Ogawa, Syotaro Obi, Hiroyuki Kaneda, Shu Inami, Ikuko Shibasaki, Takuo Arikawa, Masashi Sakuma, Shigeru Toyoda, Shichiro Abe, Hirotsugu Fukuda, Teruo Inoue.

The American Heart Association (November 13–17, 2020 A virtual experience) Phase Angle as an Indicator of Sarcopenia, Malnutrition, and Cachexia in Inpatients with Cardiovascular Diseases. Suguru Hirose, Toshiaki Nakajima, Naohiro Nozawa, Satoshi Katayanagi, Hayato Ishizaka, Yuta Mizushima, Kazuhisa Matsumoto, Kaori Nishikawa, Yohei Toyama, Reiko Takahashi, Tomoe Arakawa, Tomohiro Yasuda, Akiko Haruyama, Hiroko Yazawa, Suomi Yamaguchi, Shigeru Toyoda, Ikuko Shibasaki, Takashi Mizushima, Hirotsugu Fukuda, Teruo Inoue.

The American Heart Association (November 13–17, 2020 A virtual experience) Effects of Low-intensity Resistance Exercise under KAATSU condition on Skeletal Muscle Size and its Safety in Cardiovascular Surgery Patients. Hironaga Ogawa, Ikuko Shibasaki, Shigeru Toyoda, Azusa Uematsu, Tomohiro Yasuda, Hirotsugu Fukuda, Teruo Inoue, Toshiaki Nakajima.

The American Heart Association (November 13–17, 2020 A virtual experience) Involvement of chloride channel (Cl<sub>ic</sub>) in myocardial fibrosis of pressure-overload model mice and dilated cardiomyopathy patients. Gaku Oguri, Toshiaki Nakajima, Seitaro Nomura, Takafumi Nakajima, Hironobu Kikuchi, Syotaro Obi, Teruo Inoue, Issei Komuro

The American Heart Association (November 13–17, 2020 A virtual experience) Association of Serum Growth Differentiation Factor-15 With Egfr, Hemoglobin and Sarcopenia in Healthy Community-dwelling Older Females. Taira Fukuda, Shigeru Toyoda, Shichiro Abe, Teruo Inoue, Toshiaki Nakajima.