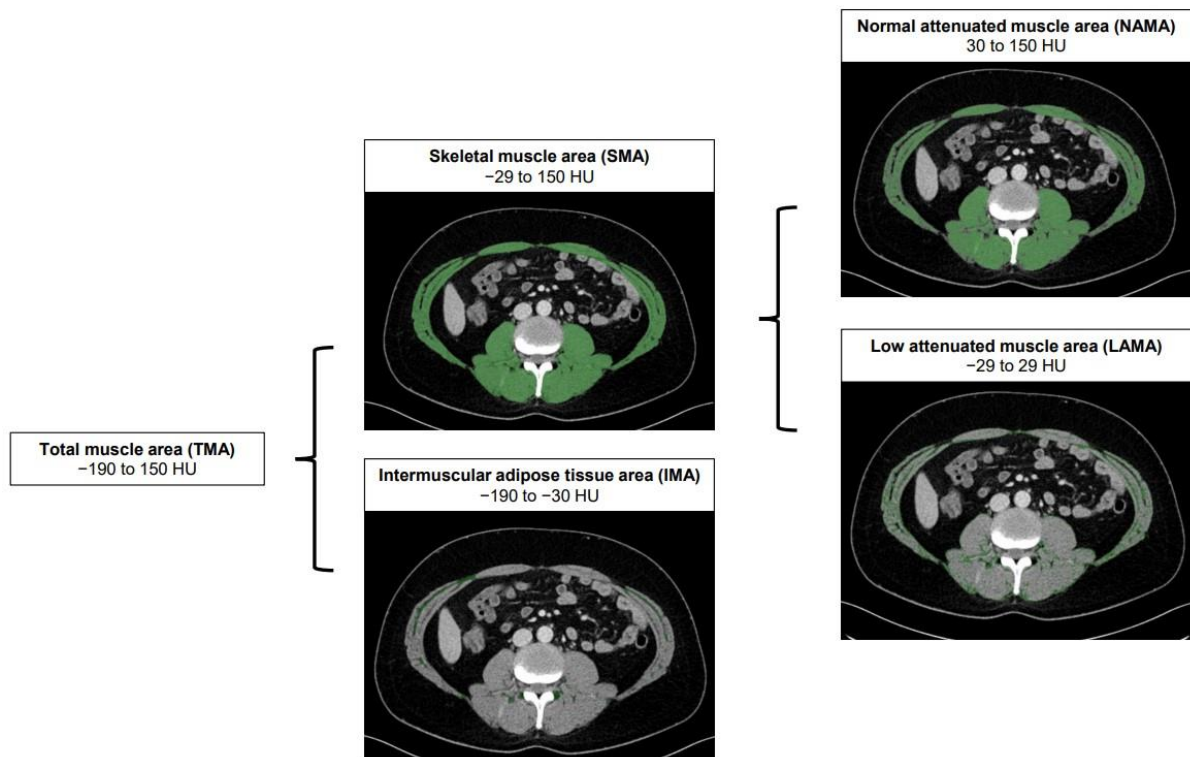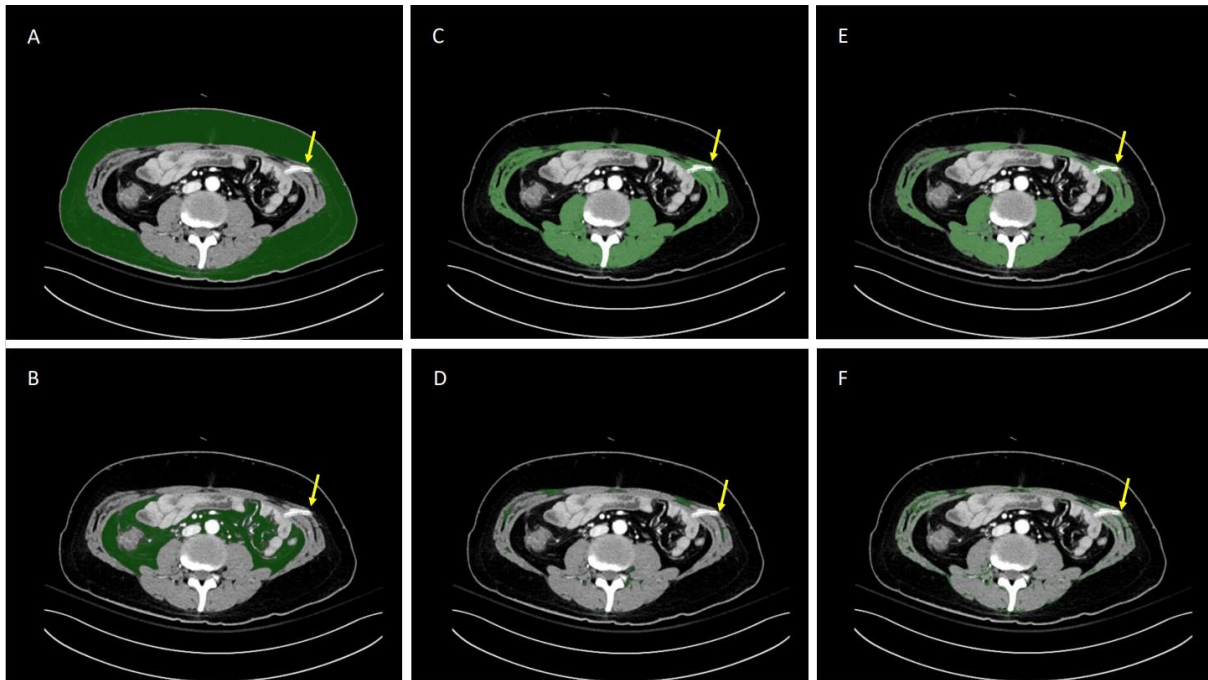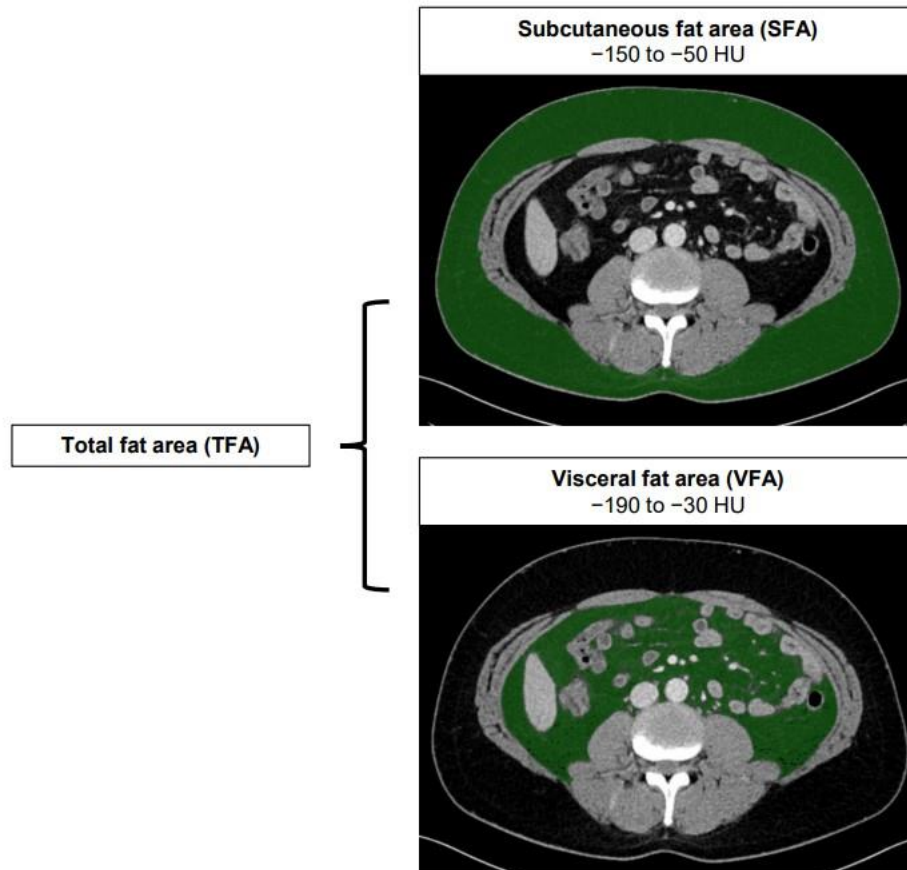**Supplementary Fig. 1.** Relationships of muscle-related parameters measured by computed tomography (CT) and areas corresponding to each parameter on preoperative CT images. Areas corresponding to each parameter are masked in green. HU = Hounsfield unit.

Supplementary Fig. 2. Postoperative computed tomography imaging of the relevant parameter areas (A) subcutaneous fat area (SFA), (B) visceral fat area (VFA), (C) skeletal muscle area (SMA), (D) intermuscular adipose tissue area (IMA), (E) normal attenuated muscle area (NAMA), (F) low attenuated muscle area (LAMA). Areas corresponding to each parameter are masked in green. The yellow arrow indicates the drain inserted during surgery.

Supplementary Fig. 3. Relationships of fat-related parameters measured by computed tomography (CT) and areas corresponding to each parameter on preoperative CT images. Areas corresponding to each parameter are masked in green. HU = Hounsfield unit.

Supplementary Fig. 4. Scatter plots between bioelectrical impedance analysis-skeletal muscle mass (BIA-SMM) and computed tomography (CT) body composition parameters (A) preoperative total muscle area (TMA), (B) preoperative normal attenuated muscle area (NAMA), (C) preoperative low attenuated muscle area (LAMA), (D) preoperative intermuscular adipose tissue area (IMA), (E) postoperative TMA, (F) postoperative NAMA, (G) postoperative LAMA, and (H) postoperative IMA.