Reviewer's report

Title: Impact of diabetes on sarcopenia and mortality in patients undergoing hemodialysis

Version: 2 Date: 19 Dec 2018

Reviewer: Masanori Abe

Reviewer's report:

There are two minor comments as bellows.

1. Authors described that "DXA scanning 21-24 h after completing the dialysis session to eliminate the influence of fluid retention [12,13]. Fat-free mass (lean mass) was calculated by subtracting fat mass from the "dry weight" to avoid the influence of excess body fluid on lean mass" on page 8, line 138-141. On the other hand, it was described that "we need to consider that DXA measured lean mass is also influenced by the hydration status, which may lead to overestimation of muscle mass." on page 16, line 283-285. There are discrepancies between those two sentences. Should the authors perform DXA immediately after HD session to avoid the influence of fluid retention? Please revise the sentences.

2. Discussion section, Page 13, line 221; The authors described "this is the first study to investigate the prevalence of sarcopenia in Japanese patients undergoing HD according to the AWGS criteria.". However, there was one study that investigated the prevalence of sarcopenia in Japanese HD patients as below. It was reported that the prevalence of sarcopenia was 26-28% in Japanese HD patients. Please refer it.


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