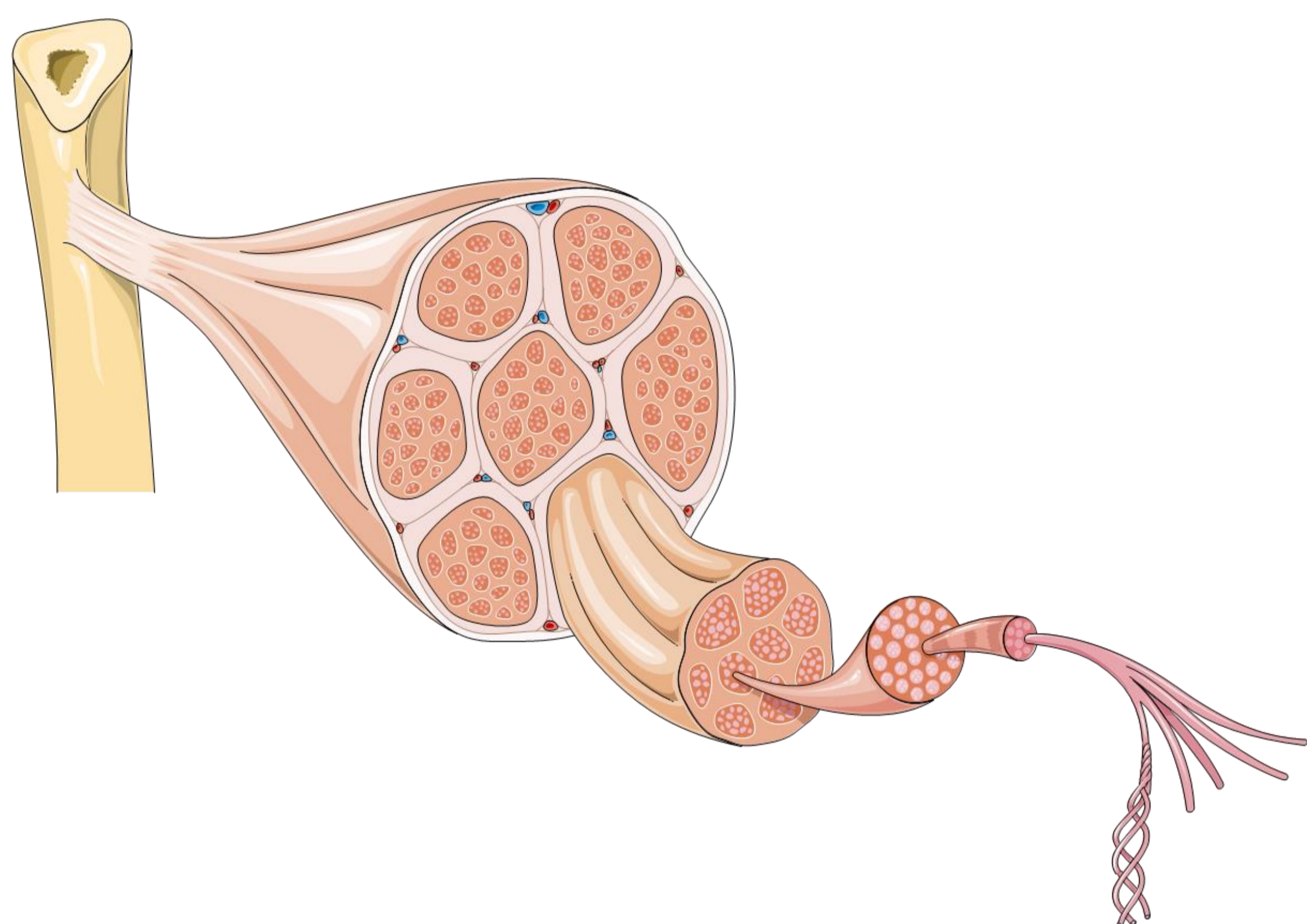


SARCOPENIA AND CHRONIC RENAL DISEASE: A SCOPING REVIEW

Borges S¹, Lima AL¹, Carvalho CBM¹, Ribeiro KSC¹, Lima MF¹, Gottens LBD¹, Mizusaki Imoto A¹
1 School of Health Sciences

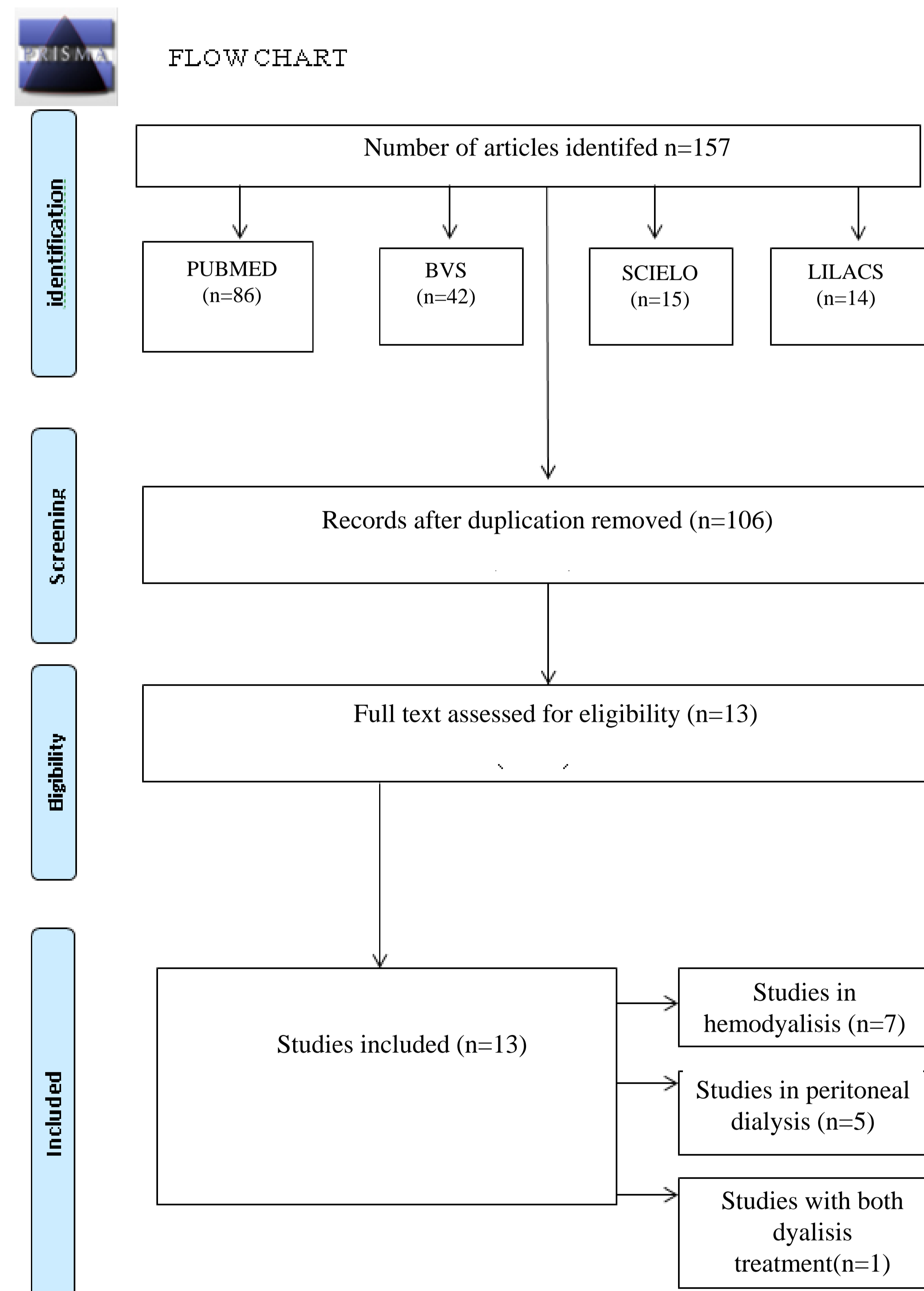
“Sarcopenia is a syndrome with prevalence between 20% and 42% in patients with chronic kidney disease undergoing dialysis with an impact on mortality in this population.”



<https://www.eurostemcell.org/sites/default/files/images/fact-sheets/MuscleDiagram.png>



https://img.webmd.com/dtmcms/live/webmd/consumer_assets/site_images/article_thumbnails/video/wibbitz/wbz-symptoms-of-kidney-disease.jpg



Abstract

Context: In chronic kidney disease, the nutritional disorders are common and influence directly the quality of life of patients. Sarcopenia is the loss of muscle mass associated with loss of muscle strength and/or performance. It's related with increased costs, incidence of falls, hospitalization and mortality rates.

Purpose Search in the literature for observational studies that assessed sarcopenia in patients with chronic kidney disease in both dialysis treatments (hemodialysis and peritoneal dialysis). Following databases: PUBMED, BVS, SciELO and LILACS. Eligible studies: observational and cross sectional. No time and language restrictions.

Results: Sarcopenia is a syndrome with prevalence between 20 and 42% in patients with chronic kidney disease undergoing dialysis with an impact on mortality in this population.

Conclusion: Conducting a systematic review on the topic is important for the implementation of prevention and treatment strategies for this syndrome.