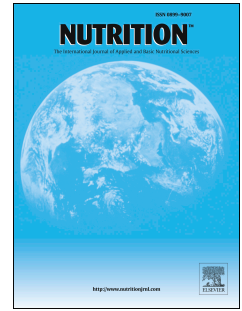


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Rehabilitation and nutritional support for sarcopenic dysphagia and tongue atrophy after glossectomy: A case report

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1 INTRODUCTION

2 Dysphagia is a common complication of treatment in patients with head and
3 neck cancer (HNC) [1]. **There have been some recent reports suggesting** that
4 dysphagia is related to long-term weight loss in patients with HNC [2]. **Previous** studies
5 have reported that sarcopenic dysphagia, which is characterized by a loss of swallowing
6 **function** and generalized muscle mass, could be improved by rehabilitation and
7 nutritional support [3, 4]. **However, few studies have reported that nutritional**
8 **support and rehabilitation improve sarcopenic dysphagia and reconstructed**
9 **tongue atrophy in patient with HNC.**

10 We herein describe a case of severe sarcopenic dysphagia and reconstructed
11 tongue atrophy that developed after subtotal glossectomy **for** tongue cancer, which were
12 improved by nutritional support and rehabilitation over a long-term course.

13

14 CASE PRESENTATION

15 Case

16 We report a 75-year-old woman with a history of tongue cancer who was
17 admitted to **our** hospital for nutritional support because of swallowing difficulty, poor
18 physical function, and a significant weight loss of 14 kg over the previous 17 months.

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