Severe paresis of the neck muscles, dystonia or an increased activation of the head flexor can lead to dropped-head syndrome. It can be based on various neurological diseases. We present a patient with amyotrophic lateral sclerosis with severe paresis of the head extensor muscles, which led to a dropped-head syndrome. Usual advices did not permit an adequate swallowing and breathing. The new developed device (head-up) can be adjusted on the individual needs which lead to a marked improvement in quality of life of the patient. Especially for ambulatory patients with Dropped-head syndrome is the «head-up» a very good solution.