Annotation. In this scientific and technical work we plan to improve the existing devices for mechanotherapy of the jaw, creating a set of diagnostic and medical devices, the dosage of which is based on the principle of feedback. This principle is based on the fact that when the pain pulse is registered, the system of grip and stabilization of the nasal plate of the mandible returns to its original position. This device can automatically move the lower jaw in the specified direction, which is very important for the rehabilitation of patients with neurological problems - cerebral palsy, stroke. The diagnostic function of the device will be provided by registration and monitoring of many clinical indicators, which the doctor will be able to receive distantly regardless of where the patient carries out a session of mechanotherapy - at home or in a medical institution.