

Interbody titanium cage comprises an upper part and a lower part, which are made symmetrical along the longitudinal axis of the cage and positioned opposite one another, the upper part comprises, essentially, a flat part having a proximal end and a distal end, a curved part, and side parts. Wherein, the outer surface of the flat part of the upper part includes a plurality of retaining elements made with the possibility of frictional engagement with the adjacent surface of the vertebral body, the lower part essentially comprises a flat part having a proximal end and a distal end, a curved part, and side parts. Wherein, the outer surface of the flat part of the lower part includes a plurality of retaining elements made with the possibility of frictional engagement with the adjacent surface of the vertebral body, as well as a sliding mechanism. The side parts of the upper part of the cage are designed with S-shaped grooves into which the pins of the upper auxiliary support platform are inserted, and with teeth that correspond to the grooves formed on the auxiliary support platform. The side parts of the lower part of the cage are designed with S-shaped grooves into which the pins of the lower auxiliary support platform are inserted, and with teeth that correspond to the grooves formed on the auxiliary support platform. The sliding mechanism includes a hinge with a threaded sleeve having an internal thread, inside the specified threaded sleeve a proximal rod with an external thread is placed, the distal end of the specified rod is provided with a groove into which a rocker arm is installed, which is connected to the proximal end of the distal rod. Wherein, the distal end of the distal rod is formed with a cylindrical axis that is inserted into an oval opening in the upper auxiliary support platform and into an oval opening in the lower auxiliary support platform.