

External fixation device (EFD) for surgical treatment of complicated gunshot fractures of the femur consists of bone fixation elements, connecting rods, and a support frame. Device is a combined design, where rods with a diameter of 6–8 mm with a threaded part and a cone are made of Grade 5 titanium alloy. The implanted portion of the rods has type II anodizing. The frame of the device consists of modified half-rings, sectors and segments of rings made of light AMG-3M aluminum alloy, interconnected by 8-mm-diameter rods that allow for adjustment of the length and position of the bone fragments.