

The invention concerns a disposable injection device comprising a standard syringe (1) and a guard protecting the injection needle (2) of said syringe (1) after use, comprising a protective case (7) consisting of two rear (9) and front (8) bodies adapted to be made integral in the extension of each other, and a ring (24) housed in the rear body (9) and provided with means locking (29, 31) the syringe (1), said ring being designed to move between a first injecting position and a second protecting position after the injection needle (2) has been used by means of a spring (42) maintained compressed in the injecting position and released after injection.

