

The connecting end of this storage container for at least one hypodermic needle has connectors complementary to the connectors on the lip of an injection instrument, one of the connectors having radial elasticity and devices for converting an axial force exerted between the needle and the injection instrument into at least one radial component which can deform the elastic connectors. The container has a housing for the needle designed to hold this needle in a given position and an opening giving access to the housing. The shape and dimensions of the exterior wall bounding the housing are selected to create with the needle an ergonomic positioning and/or handling interface so as to facilitate the connection of the complementary connectors of the needle and the lip, respectively.