ABSTRACT

IMPROVEMENT IN THE STRUCTURE OF A SAFETY SYRINGE

A safety syringe includes a tubular container having an end formed with a protruded needle mounting neck and another end formed with a holding flange, an injection rod having a cross-shaped figure and an end provided with a round disc, another end of said injection rod having a dovetailed groove, a piston head having a bottom formed with a dovetailed projection engageable with said dovetailed groove and a top provided with a mushroom head, a needle having an end formed with a slantly cut injection hole and another externally threaded cylindrical mounting end engaged with said needle mounting neck, said needle mounting neck having a protruded block above said cylindrical mounting end, said protruded block having a figure made up of vertical planes, each of said planes having a lug extending from an upper end thereof, a sleeve having an inner protruded wall and threads above said wall, said sleeve being fitted in said needle mounting neck and threadedly engaged with said externally threaded cylindrical mounting end of said needle, and a needle receiving tube, whereby accidental sticks can be effectively avoided.

(FIGURE 1 IS SUGGESTED FOR PUBLICATION)