DESCRIPTION

MEDICAL NEEDLE DEVICE WITH WINGED SHIELD

TECHNICAL FIELD

The present invention relates to a medical needle device, and more particularly relates to a medical needle device with a winged shield for preventing needle-stick injuries, in which a needle can be stored safely after use.

BACKGROUND ART

Winged medical needle devices are used widely for procedures such as infusion, blood transfusion, extracorporeal blood circulation and the like. As an example thereof, a winged indwelling needle shown in FIG. 8A and 8B is known. This winged indwelling needle has a configuration where a needle 31 is held at a front end of a hub 33 that has wings 32, and an infusion tube 34 can be attached to a rear end of the hub 33. Reference numeral 35 denotes a needle cap mounted to the needle 31. During infusion, the wings 32 are fastened onto the patient's arm or the like by adhesion tapes or the like so as to retain the insertion of the needle 31.

Meanwhile, contamination and infection due to needle–stick injuries from injection needles, insertion needles and the like have been a problem in medical centers. In particular, recently, since hepatitis B, hepatitis C, HIV (human immunodeficiency virus) and the like have become a widespread social issue, there is a demand for the means that actively prevent the occurrence of unexpected accidents such as needle-stick injuries and the like. For preventing needle-stick injuries, various kinds of injection needle devices are known to have a configuration where a cylindrical shield can slide with respect to an injection needle. That is, by sliding the cylindrical