BLOOD LANCET DEVICE FOR WITHDRAWING BLOOD FOR DIAGNOSTIC PURPOSES

ABSTRACT

Blood lancet device (1) for withdrawing blood from a patient for diagnostic purposes comprises a housing (10), a lancet holder (11) movable within the housing (10) for retaining a non-rotatable lancet (4) having a plastic lancet body (31), a lancet needle (33) fixed in the lancet body (31), a lancet drive (12) to move the lancet holder in a puncturing and retraction direction, an exchangeable skin-contact part (5) having an outlet opening (6) for the lancet (4) and a contact surface (42) for pressing against a patient's skin. The skin-contact part (5) and lancet (4) form a unitary disposable item (3) which is extended for once-only use and is intended to be inserted at an anterior end (2) of the housing (10) in a single operation only as a unit with the skin-contact part (5). The skin-contact part (5) and the lancet body (31) are connected to one another through a first predetermined breaking section (52) to permit the skin-contact part (5) and the lance body (31) to be separable from one another following insertion of the disposable item (3). A second breaking section connects a protective needle cap to the lancet body and both breaking sections are severed by twisting of the protective cap.

Fig 1.