CATHETER AND INTRODUCER NEEDLE ASSEMBLY WITH SAFETY DEVICE

Abstract

The present invention relates to a safety device (40) including a needle shield (41) which defines a longitudinally extending passage with an elongate opening (60) , at least one spring clip (50) fitted in the longitudinally extending passage through the elongate opening (60) and a stop means for blocking the enlarged portion (38) of the introducer needle (31), the inner diameter of said longitudinally extending passage being at least slightly larger than the diameter of introducer needle (31); said at least one spring clip (50) provided with first catch (55) to be engaged with the catheter hub (24), at least part of said at least spring clip (50) being compressed by the introducer needle before the introducer needle withdrawal from the catheter assembly (20) and springing up and trapping the sharp distal tip (32) after the introducer needle withdrawal from the catheter assembly (20) .

(Fig 9)