

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A device for introducing a medicament into a patient, the device comprising:
a cannula having an inlet end for the medicament and a discharge end for the
5 medicament; and
a passageway having an inlet opening that is proximal to or level with the
discharge end of the cannula,
wherein, in use, when the device is accidentally positioned in the patient with
the discharge end of the cannula and the inlet opening of the passageway
10 penetrating a blood vein there is a flow of blood from the vein through the inlet
opening of the passageway and into the passageway that provides a visual
indication that the discharge end of the cannula is in the vein;
wherein the inlet of the cannula and the discharge end of the cannula are
connected by a channel;
15 wherein any substance entering the passageway is not allowed to enter the
channel.
2. The device defined in claim 1 wherein the discharge end of the cannula is blunt.
- 20 3. The device defined in claim 1 or claim 2 wherein the cannula is flexible.
4. The device defined in any one of the preceding claims wherein the cannula is a
micro cannula.
- 25 5. The device defined in any one of the preceding claims wherein the cannula is made
from a medical grade plastic or a metal.
6. The device defined in any one of the preceding claims wherein the passageway has
an outlet opening that is proximal the inlet end of the cannula.
- 30 7. The device defined in any one of the preceding claims wherein the cannula is
circular in transverse section.
8. The device defined in any one of the preceding claims wherein the passageway is
35 annular in transverse section.
9. The device defined in claim 8 wherein the cannula and the annular passageway are
coaxial.

10. The device defined in claim 9 wherein the annular passageway is in the form of an annular tube that fits over the cannula.
- 5 11. The device defined in any one of the preceding claims wherein an outer wall of the passageway is transparent.
- 10 12. The device defined in any one of the preceding claims further comprising a first reservoir for storing the medicament, with the first reservoir being in fluid communication with the inlet end of the cannula.
13. The device defined in claim 12 further comprising an ejector for forcing the medicament from the first reservoir along the cannula towards and from the discharge end.
- 15 14. The device defined in claim 13 wherein the ejector is a plunger.
15. The device defined in claim 13 or claim 14 wherein the ejector is in fluid communication with the inlet opening of the passageway and is operable to aid blood flow from the vein should the pressure of the blood be low and not provide a positive backflow when there is accidental puncture of the blood vein.
- 20 16. The device defined in any one of the preceding claims further comprising a second reservoir for collecting blood, with the second reservoir being in fluid communication with the outlet opening of the passageway.
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