Claims

1. A guide (200,300,400) for contacting an injection device (110) with a user; the guide having a first end (210,310) adapted to engage a housing (112) of the injection device and a second end (220,320) adapted to engage the surface of a user's skin, wherein the guide permits movement of the housing towards the user's skin, characterised in that the guide further comprises a ratchet (350) disposed on its inner surface such that the housing moves towards the user's skin incrementally.

2. The guide of claim 1, wherein the first end and/or second end is open.

3. The guide of claim 1, wherein the guide is cylindrical.

4. The guide of claim 1, wherein the guide is flared towards the second end.

5. The guide of any preceding claim, wherein in the guide is formed as a frame.

6. The guide of any preceding claim, wherein the guide is formed with a continuous external surface.

7. The guide of any preceding claim, wherein the guide comprises at least one stabilising element (250) at its second end which is adapted to project from the guide and stabilise the guide on the skin, optionally wherein the guide comprises three stabilising elements at its second end.

8. The guide of any preceding claim, comprising a first component and a second component moveable relative to the first component.

9. The guide of claim 10, wherein the second component is adapted for indexed movement relative to the first component.

10. The guide of any preceding claim, wherein the second end is configured to draw the user's skin up into the second end.

11. The guide of claim 13, wherein the second end comprises a resilient portion which is biased inwards, optionally wherein the resilient portion comprises at least two resilient arms (440) biased towards each other.

12. A kit comprising the guide of any preceding claim and an automatic injection device having a housing, optionally wherein the first end is adapted to engage the housing at its distal end.

13. The kit of claim12, wherein the housing has a first diameter and the first end is dimensioned to surround the first diameter.

14. The kit of claim 13 wherein the internal surface of the guide is dimensioned to be in contacting juxtaposition with an external surface of the housing.

15. The kit of claim 12 or 13, wherein a portion (130) of the housing has a second diameter which is larger than the first diameter and the first end is dimensioned to engage the portion of the housing having a second diameter.

16. The kit of claim 15, wherein the second diameter portion comprises a ridge.

17. The kit of any one of claims 12 to 16, wherein the first end is integral to the housing of the injection device.

18. An injection device comprising:
a housing (112) adapted to receive a syringe (122) having a discharge nozzle, the syringe being moveable in the housing on actuation of the injection device along a longitudinal axis from a retracted position in which the discharge nozzle is contained within the housing and an extended position in which the discharge nozzle of the syringe extends from the housing through an exit aperture (118) at a distal end of the device;
a sliding component (126) which extends, when in a first position, from the aperture, and is movable towards the housing into a second, retracted, position; and
a guide according to claim 1.

19. A device according to claim 18, further comprising:
an actuator (114); and
a drive (120,121) adapted to be acted upon by the actuator and in turn act upon the syringe to advance it from its retracted position to its extended position and discharge its contents

through the discharge nozzle, and/or wherein the sliding component is part of a locking mechanism moveable from an engaged position, when the sliding component is in its first position, to a disengaged position, when the sliding component is in its second position, and adapted to prevent actuation of the device when it is in its engaged position and permit actuation of the device when it is in its disengaged position.

20. A kit according to any one of claims 12 to 17 or an injection device according to any one of claim18 or claim 19, wherein the injection device contains a substance selected from the group consisting of:

golimumab, hormones, antitoxins, substances for the control of pain, substances for the control of thrombosis, substances for the control or elimination of infection, peptides, proteins, human insulin or a human insulin analogue or derivative, polysaccharide, DNA, RNA, enzymes, antibodies, oligonucleotide, antiallergics, antihistamines, anti-inflammatories, corticosteroids, disease modifying anti-rheumatic drugs, erythropoietin, or vaccines,

for use in the treatment or prevention of rheumatoid arthritis, psoriatic arthritis, ankylosing spondylitis, ulcerative colitis, hormone deficiency, toxicity, pain, thrombosis, infection, diabetes mellitus, diabetic retinopathy, acute coronary syndrome, angina, myocardial infarction, atherosclerosis, cancer, macular degeneration, allergy, hay fever, inflammation, anaemia, or myelodysplasia, or in the expression of protective immunity.