CLAIMS

1. An injection needle comprising:

a needle tube of 26-33 G having a needle tip capable of sticking in a living body;

a hub that holds the needle tube; and

an adjustment unit provided around the needle tube and having a needle-protruding surface from which the needle tip of the needle tube protrudes, wherein the adjustment unit is formed such that a shortest distance from a circumferential edge of the needle-protruding surface to a circumferential surface of the needle tube is in a range of 0.3-1.4 mm.

2. The injection needle described in claim 1, further comprising:

a stabilizer unit provided around the needle tube with a predetermined interval from the adjustment unit and having an end face that contacts a skin when sticking the needle tube in a living body.

3. The injection needle described in claim 2, wherein the stabilizer unit is formed in a cylindrical shape covering a circumference of the needle tube and the adjustment unit, and a distance from an inner wall surface thereof to an outer circumferential surface of the adjustment unit is set so as to be in a range of 4-15 mm.

4. The injection needle described in claim 2, wherein the

end face of the stabilizer unit, that contacts the skin, and the needle-protruding surface of the adjustment unit are positioned on the same plane.

5. The injection needle described in claim 1, wherein the stabilizer unit is integrally molded with the hub.

6. The injection needle described in claim 1, wherein a protruding length of the needle tip of the needle tube from the needle-protruding surface is 0.5-3.0 mm.

7. The injection needle described in claim 1, wherein a protruding length of the needle tip of the needle tube from the needle-protruding surface is 0.9-1.4 mm.

8. The injection needle described in claim 1, wherein the needle tube is in 30-33 G.

9. The injection needle described in claim 1, wherein a length of a bevel of the needle tube is 0.5-1.4 mm.

10. The injection needle described in claim 1, wherein the needle tube is tapered at least in a part thereof.

11. The injection needle described in claim 1, wherein the adjustment unit is formed in a separate unit from the needle tube and is fixed in close contact with the circumferential

surface of the needle tube.

12. A drug injection device comprising:

a needle tube of 26-33 G having a needle tip capable of sticking in a living body;

a hub that holds the needle tube;

a syringe that is connected with the hub; and

an adjustment unit provided around the needle tube and having a needle-protruding surface from which the needle tip of the needle tube protrudes, wherein the adjustment unit is formed such that a shortest distance from a circumferential edge of the needle-protruding surface to a circumferential surface of the needle tube is in a range of 0.3-1.4 mm.

13. The drug injection device described in claim 12, further comprising:

a stabilizer unit provided around the needle tube with a predetermined interval from the adjustment unit and having an end face that contacts a skin when sticking the needle tube in a living body.

14. The drug injection device described in claim 13, wherein the stabilizer unit is fixed to the syringe.

15. The drug injection device described in claim 13, wherein the stabilizer unit is fixed to the hub.

CLAIMS

1. An injection needle comprising:

a needle tube of 26-33 G having a needle tip capable of sticking in a living body, the needle tip having a bevel with a bevel length defined by a blade face in the needle tube extending direction;

a hub that holds the needle tube; and

an adjustment unit provided around the needle tube and having a needle-protruding surface from which the needle tip of the needle tube protrudes, wherein the adjustment unit is formed such that a shortest distance from a circumferential edge of the needle-protruding surface to a circumferential surface of the needle tube is in a range of 0.5-1.4 mm;

wherein a protruding length of the needle tube from the needle protruding surface is 0.9-1.4 mm, and the bevel length is 0.5-0.9 mm.

2. The injection needle described in claim 1, further comprising:

a stabilizer unit provided around the needle tube with a predetermined interval from the adjustment unit and having an end face that contacts a skin when sticking the needle tube in a living body.

3. The injection needle described in claim 2, wherein the stabilizer unit is formed in a cylindrical shape covering a circumference of the needle tube and the adjustment unit, and a distance from an inner wall surface thereof to an outer circumferential surface of the adjustment unit is set so as to be in a range of 4-15 mm.

4. The injection needle described in claim 2, wherein the end face of the stabilizer unit, that contacts the skin, and

the needle-protruding surface of the adjustment unit are positioned on the same plane.

5. The injection needle described in claim 1, wherein the stabilizer unit is integrally molded with the hub.

6. The injection needle described in claim 1, wherein the protruding length of the needle tube from the needle-protruding surface is 0.5-3.0 mm.

7. The injection needle described in claim 1, wherein the needle tube is in 30-33 G.

8. The injection needle described in claim 1, wherein the needle tube is tapered at least in a part thereof.

9. The injection needle described in claim 1, wherein the adjustment unit is formed in a separate unit from the needle tube and is fixed in close contact with the circumferential surface of the needle tube.

10. A drug injection device comprising: a needle tube of 26-33 G having a needle tip capable of sticking in a living body, the needle tip having a bevel length defined by a blade face in the needle tube extending direction;

a hub that holds the needle tube;

a syringe that is connected with the hub; and

an adjustment unit provided around the needle tube and having a needle-protruding surface from which the needle tip of the needle tube protrudes, wherein the adjustment unit is formed such that a shortest distance from a circumferential edge of the needle-protruding surface to a circumferential surface of the needle tube is in a range of 0.5-1.4 mm;

wherein a protruding length of the needle tube from the needle protruding surface is 0.9-1.4 mm, and the bevel length is 0.5-0.9 mm.

11. The drug injection device described in claim 10, further comprising:

a stabilizer unit provided around the needle tube with a predetermined interval from the adjustment unit and having an end face that contacts a skin when sticking the needle tube in a living body.

12. The drug injection device described in claim 11, wherein the stabilizer unit is fixed to the syringe.

13. The drug injection device described in claim 11, wherein the stabilizer unit is fixed to the hub.