CLAIMS:

1. A connector for an infusion set comprising:
a body and at least one arm connected to the body which is configured to couple with a base of an infusion set;
wherein the body has a first portion and a second portion which are configured to be removably and replaceably coupled together; and
wherein each portion has a fluid delivery conduit, the conduits being configured to allow fluidic communication of the connector with at least two independent fluid sources.

2. The connector according to claim 1, comprising one or more guide members configured to aid coupling of the connector with the base of the infusion set, wherein the one or more guide members extend from the body of the connector.

3. The connector according to claim 2, wherein the guide members have a substantially uniform cross-section.

4. The connector according to any one of claims 1 to 3, wherein the first and second portions are connected with complementary male and female parts, and wherein the male and female parts form a bayonet connection.

5. An infusion set for administering multiple fluids to a subject, the infusion set comprising a base, an insertion portion, and a connector;
wherein the base comprises an adhesive portion, a hub configured to couple with the connector, and at least one lumen configured to receive the insertion portion; wherein the insertion portion comprises at least one penetrating element which is coupled to and extends from the base to administer the multiple fluids sub- or trans-cutaneously to the subject; and
wherein the connector comprises a body, at least one arm connected to the body which is configured to couple with the hub of the base, and at least two independent fluid delivery conduits which are configured to allow fluidic communication between at least two independent fluid sources and the at least one penetrating element.

6. The infusion set according to claim 5, comprising an insertion portion, wherein the base comprises a lumen configured to receive the insertion portion and wherein said insertion portion has at least one penetrating element connected to and extending from a housing, the housing having at least two chambers configured to

allow fluidic communication between at least two independent fluid sources and the at least one penetrating element, wherein the at least two chambers are independent from each other.

7. The infusion set according to claim 6, wherein the base has at least two channels which substantially align with the at least two chambers of the housing and are configured to allow fluidic communication with the at least two independent fluid sources.

8. The infusion set according to claim 6 or claim 7, wherein each of the chambers of the housing has an opening for fluidic communication with the at least one penetrating element and an opening for fluidic communication with one of the fluid delivery conduits of the connector.

9. The infusion set according to any one of claims 5 to 8, wherein the chambers of the housing are spaced apart from each other.

10. The infusion set according to any one of claims 5 to 9, wherein the chambers are separated by an intermediary wall in the housing.

11. The infusion set according to any one of claims 5 to 10, wherein the at least one penetrating element comprises a piercing member or a self-penetrating cannula.

12. The infusion set according to any one of claims 5 to 11, wherein the at least one penetrating element comprises a multi-lumen cannula.

13. The infusion set according to claim 12, wherein the multi-lumen cannula has a first lumen with a distal end for fluid communication between a placement site and a first fluid source, and a second lumen with a distal end for fluid communication between the placement site and a second fluid source, wherein the first and second lumens are independent from each other.

14. The infusion set according to claim 13, wherein the distal end of the first lumen is spaced apart from the distal end of the second lumen.

15. The infusion set according to claim 13, wherein the first lumen is an outer lumen and the second lumen is an inner lumen, or wherein the first lumen is an inner lumen and the second lumen is an outer lumen.

16. The infusion set according to any one of claims 12 to 15, wherein the multi-lumen cannula comprises a piercing member between a first lumen and a second lumen,

wherein both lumens run along the length of the cannula and are independent from each other.

17. The infusion set according to any one of claims 12 to 16, wherein a proximal end of at least one lumen includes a notch.

18. The infusion set according to any one of claims 5 to 17, further comprising a sensor portion, wherein the sensor portion has at least one sensor extending from the base which is configured for determining at least one body characteristic of the subject.

19. The infusion set according to claim 18, wherein the sensor portion comprises a lumen in the at least one penetrating element for the at least one sensor.

20. The infusion set according to claim 18 or claim 19, wherein the sensor portion further comprises a groove in the insertion portion housing and a groove in the base.

21. The infusion set according to any one of claims 5 to 20, further comprising a cap for coupling with the base.

22. The infusion set according to claim 21, wherein the base has at least two channels configured to allow fluidic communication with the at least two independent fluid sources, and the cap has at least one track on its inside surface for coupling with said channels.

23. The infusion set according to claim 22, wherein the at least one track for coupling with the housing is formed from a membrane material.