CLAIMS

1. A connector comprising a body having a first end portion and a second end portion, the first end portion comprising a plurality of sockets, each socket is configured to receive an end section of a respective fluid delivery tube, and the second end portion comprising a nozzle having an end face, wherein there is a plurality of interior flow paths within the nozzle, each flow path opening onto the end of the nozzle, and wherein each flow path communicates with a respective one of the sockets whereby fluid delivered by each tube is transported along the respective flow path to the end of the nozzle, wherein each tube has an end section sealingly received in a respective socket, wherein the second end portion is configured as a male luer connector, and wherein at least one of the tubes incorporates, is connected to, or is otherwise associated with a non-return valve, and wherein there is no common space within the body, whereby upon discharging from the nozzle via flow paths, fluids delivered by the tubes immediately enter a matching female connector.

2. The connector according to claim 1, wherein the flow paths are of cross-sectional profiles configured to facilitate a compact arrangement of the flow paths within the confines of the nozzle.

3. The connector according to claim 2, wherein the flow paths are defined by passages, wherein each passage comprises a curved periphery having an outer side section, an inner side section and two opposed end sections, and wherein the outer side sections are located on a generally common circumference and the inner side sections are disposed inwardly of said circumference.

4. The connector according to claim 2, wherein the flow paths are defined by passages, wherein the passages are each of circular cross-section and disposed in circumferentially spaced relation within the nozzle.

5. A fluid coupling comprising a connector according to any one of claims 1-4, and a plurality of tubes, wherein each tube has an end section sealingly received in a respective socket.

6. The fluid coupling according to claim 5, wherein the end section of each tube is sealingly received in a respective socket by bonding the tube end section in the socket or by way of an interference fit of the tube end section in the socket.

7. The fluid coupling according to claim 5 or 6, wherein the tubes are adapted to receive fluids for delivery to a patient via a common outlet member coupled to the nozzle.

8. The fluid coupling according to claim 7, wherein the tubes are configured at several different fluid delivery regimes.

9. The fluid coupling according to any one of claims 5 to 8, wherein least one of the tubes is fitted with a valve or coupling element to facilitate attachment and detachment of a fluid source or ancillary component.

10. The fluid coupling according to claim 9, wherein the valve or coupling element comprises a sealable valve and wherein there is a non-return valve associated with the sealable valve.

11. The fluid coupling according to any one of claims 5 to 10, wherein at least one of the tubes incorporates, is connected to, or is otherwise associated with a filter.

12. The fluid coupling according to any one of claims 5 to 11, wherein at least one of the tubes is lined with an internal coating resistant to drug sorption.

13. The fluid coupling according to any one of claims 5 to 12, wherein at least one of the tubes is fitted with a guard along at least a portion of the length of the tube to resist over-bending and kinking.

14. The fluid coupling according to claim 13, wherein the guard comprises a sleeve positioned on the exterior of the tube.

15. The fluid coupling according to claim 14 wherein the sleeve extends substantially the full length of the tube.

16. The fluid coupling according to claim 14 or 15, wherein the sleeve is anchored at its ends to the tube or to fittings attached to the tube.

17. The fluid coupling according to claim 14, 15 or 16 wherein the sleeve comprises a coiled or helical spring.

18. A fluid coupling comprising: a connector and a plurality of tubes; wherein the connector comprises a body having a first end portion and a second end portion, the first end portion comprising a plurality of sockets, each socket is configured to receive an end section of a respective fluid delivery tube, and the second end portion comprising a nozzle having an end face, wherein there is a plurality of interior flow paths within the nozzle, each flow path opening onto the end of the nozzle; and wherein each flow path communicates with a respective one of the sockets whereby fluid delivered by each tube is transported along the respective flow path to the end of the nozzle, and wherein each tube has an end section thereof sealingly received in a respective socket, wherein the second end portion is configured as a male luer connector, and wherein at least one of the tubes incorporates, is connected to, or is otherwise associated with a non-return valve, and wherein there is no common space within the body, whereby upon discharging from the nozzle via flow paths, fluids delivered by the tubes immediately enter a matching female luer connector.