CLAIMS

1. A connector device (1) for a negative pressure wound therapy system, said connector device (1) comprising a connector housing (2), a fluid outlet (3) connected to said connector housing (2), an air feeding port (4) and an air filter (5), and coupling means (6), wherein said fluid outlet (3) is adapted to be connected to a negative pressure source (23), said connector device (1) being adapted to be engaged with a wound side connector (25) of a wound side assembly (19) by means of said coupling means (6), said wound side assembly (19) comprising a fluid removing conduit (21) and an air supplying conduit (22), a portion of each one of said fluid removing conduit (21) and said air supplying conduit (22) being connected to said wound side connector (25), said connector device (1) being such that when said connector device (1) is engaged with said wound side connector (25), said fluid removing conduit (21) is fluidly connected to said fluid outlet (3) and said air supplying conduit (22) is fluidly connected to said air feeding port (4) such that air ambient of said connector device (1) can be fed to said air supplying conduit (22) via said air filter (5) and said air feeding port (4).

2. The connector device (1) according to claim 1, wherein said connector device comprises an air feeding conduit (33) comprising said air feeding port (4) and an air inlet opening (17), said air feeding conduit (33) being an integrated part of said connector housing (2).

3. The connector device (1) according to claim 1 or 2, wherein said said air filter (5) is provided within an air filter housing (16) provided with said air inlet opening (17) allowing air to flow through said air filter (5).

4. The connector device (1) according to any of claims 2-3, wherein said connector housing (2) has a connector housing device side (2a) and a connector housing coupling side (2b), said connector device (1) being adapted to be connected to said wound side connector (25) at said

connector housing coupling side (2b), wherein said air inlet opening (17) is provided on said connector housing device side (2a).

5. The connector device (1) according to claim 4, wherein said connector housing device side (2a) is positioned on the opposite side of said connector housing coupling side (2b).

6. The connector device (1) according to any one of claims 2 - 5, wherein said air inlet opening (17) is arranged at a radial distance from said fluid outlet (3).

7. The connector device (1) according to any one of the preceding claims, wherein said air filter (5) is at least partly located within said connector housing (2) so that maximum 2 cm of said air filter (5) protrudes outside said connector housing (2).

8. The connector device (1) according to any one of the preceding claims, wherein a fluid conduit (7) is connected to said fluid outlet (3).

9. The connector device (1) according to any one of the preceding claims, wherein said air filter (5) provides an air leakage of between 0.5 ml/min to 70 ml/min at a pressure of 120 mmHg, preferably between 1ml/min to 40 ml/min at a pressure of 120 mmHg

10. The connector device (1) according to any one of the preceding claims, wherein said connector device (1) by means of said coupling means (6) is adapted to form a snap-on, threaded, luer-lock, or bayonet engagement, preferably a release snap-on, threaded or bayonet engagement, with said wound side connector (25).

11. A branched connector device (10) comprising a branched conduit (14) which in turn comprises a first and a second branch portion (11, 12), said

branched connector device (10) further comprising a connector device (1) according to any one of claims 1-10, wherein said first branch portion (11) is connected to said fluid outlet (3) of said connector device (1).

12. A branched connector device (10) according to claim 11, wherein said branched connector device (10) comprises a second connector device (1') comprising a second connector housing (2') and second coupling means (6') and a second fluid outlet (3') connected to said second connector housing (2'), said second branch portion (12) being connected to said second fluid outlet (3').

13. A branched connector device (10) according to claim 12, wherein said second connector device (1') comprises a second air feeding port (4').

14. A branched connector device (10) according to claim 13, wherein a second conduit (8) is connected to said second air feeding port (4').

15. A branched connector device (10) according to claim 12 or 13, wherein said second connector device (1') is a connector device according to any one of claim 1 to 10.

16. A branched connector device (10) according to any one of claims 11 to 15, wherein said branched connector device 10 is a Y-connector device (100).

17. A branched connector device (10) according to any one of claims 12 to 16, wherein said branched connector device (10) comprises a third connector device (1'') with a third fluid outlet (3'') and a branched conduit (14) comprising a third branch portion (13), said third branch portion (13) being connected to said third fluid outlet (3'').