CLAIMS

1. A mounting tool for mounting a flexible ring-shaped part of an anastomotic device on a rigid part of an anstomotic device, said tool comprising:

a receiving portion (104) in a distal end of the mounting tool for receiving the flexible part thereat;

a handle portion (103) proximally of said receiving portion (104);

characterized in that

said receiving portion (104) comprises an elongated tubular sheet element (101), and a tubular displacement element (201), arranged within the sheet element (101) to be longitudinally displaceable in relation to the sheet element (101), such that a shelf (401) is obtained circumferentially of the tubular displacement element (201) and distally of the sheet element (101), said shelf (401) being configured to receive the flexible part.

2. The mounting tool according to claim 1, wherein a central part (105) connects the handle portion (103) and the receiving portion (104), wherein the central portion (105) has an outer diameter in a cross-section in the transversal plane, which is smaller than the cross-section in the transversal plane of the handle portion (103) and/or the receiving portion (104).

3. The mounting tool according to claim 1, wherein the elongated tubular sheet element (101) and the tubular displacement element (201) have ring-shaped cross sections in the transversal plane, where an outer diameter of the tubular displacement element (201) substantially corresponds to the inner diameter of the elongated tubular sheet element (101), such that the tubular displacement element (201) may run longitudinally inside the elongated tubular sheet element (101).

4. The mounting tool according to claim 1, further comprising a tubular cutting element (301) inside the tubular displacement element (201), such that the tubular cutting element (301) is longitudinally displaceable within and in relation to the tubular displacement element (201).

5. The mounting tool according to claim 4, wherein the cutting element (301) has a ring-shaped cross section in the transversal plane, where an outer diameter

of the tubular cutting element (301) substantially corresponds to the inner diameter of the elongated tubular displacement element (201).

6. The mounting tool according to claim 1 or 4, wherein the tubular sheet element (101) or the tubular cutting element (301) is spring loaded proximally of the receiving portion (104), such that a release of the spring load will move the sheet element (101) or the cutting element (301) distally in relation to the displacement element (201).

7. The mounting tool according to claim 6, comprising a first set of release bars (107) or a second set of release bars (207), corresponding to the sheet element (101) and the cutting element (301), respectively, releasing the spring load when activated.

8. The mounting tool according to claim 7, wherein the first set of release bars (107) have a supporting ridge 501, wherein the distal end the supporting ridge (501) is provided with an inwardly directed flange (505), said flange (505), in a spring loaded position, engaging a notch (506) in the displacement element (201).

9. The mounting tool, according to claim 7 or 8, wherein the second set of release bars (207) have a supporting ridge (601), wherein the release bars (207) are connected to the supporting ridge (601) by a tongue (603) and the proximal end of the tongue (603) is provided with an inwardly directed flange (604), said flange (604), in a spring loaded position, engaging a notch (605) in the underlying cutting element (301).

10. The mounting tool according to claim 1 or 4, comprising a central passage or lumen for connection to a suction device in the proximal end of the mounting tool.

11. The mounting tool according to claim 1 or 4. comprising a tubular fixation element (701), said fixation element (701) comprising a tubular connector element (702), said tubular connector element (702) in the distal end thereof has a tubular top connector (703)arranged and in the proximal end thereof is connected to a connector unit (704), said fixation element (701) further comprising a tubular locking element (705) inside the connector element (702), said tubular locking element being

displaceable therein, said locking element (705), in the distal end thereof, having a locking unit (709).

12. The mounting tool according to claim 11, wherein the locking unit (709) comprises distal locking tongues (710) with inner flanges, forming a female mating connection, which may be radially compressed within the top connector (703), when they move proximally.

13. A mounting tool for receiving a flexible ring-shaped part of an anastomotic device on a rigid part of an anstomotic device, said tool comprising:

a longitudinal guiding element (801) for passing through a central passage or lumen in a mounting tool according to claim 10; and

a connection plate (802) arranged distally on the guiding element (801), said connection plate (802) being configured to connect to a rigid part of an anstomotic device.

14. The mounting tool according to claim 13, wherein the guiding element (801) has a hollow configuration.

15. The mounting tool according to claim 13, wherein the connection plate (802) has a substantially conical shape, with proximal top end and a distal base end, and is configured to be snap-in fitted or screw fitted circumferentially with a rigid part of an anastomotic device in the distal end thereof.

16. The mounting tool according to claim 13, wherein the proximal conical surface of the connection plate (802) is configured to closingly fit and/or attach to a receiving portion (104) of a mounting tool according to claim 1.

17. The mounting tool according to claim 13, wherein the guiding element (801) extends through the connection plate (802), such that it also will pass through a rigid part of an anastomotic device connected to the distal part of the connection plate (802).

18. The mounting tool according to claim 17, wherein the part extending distally through the connection plate (802) is provided with through slots (804), such that tongues (805) are created therebetween.

19. The mounting tool according to claim 13, comprising a hood (803) releasably connected to the guiding element (801) or tongues (805) distally of a rigid part of an anastomotic device attached to the connection plate (802).

20. The mounting tool according to claim 19, wherein the hood (803) is a disc shaped unit with a central passage.

21. The mounting tool according to claim 19, wherein the guiding element (801) or the tongues (805) extends through the central passage of the hood (803) and connects to a hood locker (806), positioned distally of the hood (803).

22. A kit comprising a mounting tool according to claim 1 and a mounting tool according to claim 11.

CLAIMS:

1. A first mounting tool for mounting a flexible ring-shaped part of an anastomotic device on a rigid part of an anstomotic device, said tool comprising: a receiving portion in a distal end of the mounting tool for receiving the flexible part thereat; a handle portion proximally of said receiving portion; wherein said receiving portion comprises an elongated tubular sheet element, and a tubular displacement element, arranged within the sheet element to be longitudinally displaceable in relation to the sheet element, such that a shelf is obtained circumferentially of the tubular displacement element and distally of the sheet element, said shelf being configured to receive the flexible part,
wherein the tubular sheet element or the tubular cutting element is spring loaded proximally of the receiving portion, such that a release of the spring load will move the sheet element or the cutting element distally in relation to the displacement element.

2. The first mounting tool according to claim 1, wherein a central part connects the handle portion and the receiving portion, wherein the central portion has an outer diameter in a cross-section in the transversal plane, which is smaller than the cross-section in the transversal plane of the handle portion and/or the receiving portion.

3. The first mounting tool according to claim 1, wherein the elongated tubular sheet element and the tubular displacement element have ring-shaped cross sections in the transversal plane, where an outer diameter of the tubular displacement element corresponds to the inner diameter of the elongated tubular sheet element, such that the tubular displacement element may run longitudinally inside the elongated tubular sheet element.

4. The first mounting tool according to claim 1, further comprising a tubular cutting element inside the tubular displacement element, such that the tubular cutting element is longitudinally displaceable within and in relation to the tubular displacement element.

5. The first mounting tool according to claim 4, wherein the cutting element has a ring-shaped cross section in the transversal plane, where an outer diameter of the tubular cutting element substantially corresponds to the inner diameter of the

elongated tubular displacement element.

6. The first mounting tool according to claim 5, comprising a first set of release bars or a second set of release bars, corresponding to the sheet element and the cutting element, respectively, releasing the spring load when activated.

7. The first mounting tool according to claim 6, wherein the first set of release bars have a supporting ridge, wherein the distal end the supporting ridge is provided with an inwardly directed flange, said flange, in a spring loaded position, engaging a notch in the displacement element.

8. The first mounting tool, according to claim 6 or 7, wherein the second set of release bars have a supporting ridge, wherein the release bars are connected to the supporting ridge by a tongue and the proximal end of the tongue is provided with an inwardly directed flange, said flange, in a spring loaded position, engaging a notch in the underlying cutting element.

9. The first mounting tool according to claim 1 or 4, comprising a central passage or lumen for connection to a suction device in the proximal end of the mounting tool.

10. The first mounting tool according to claim 1 or 4. comprising a tubular fixation element, said fixation element comprising a tubular connector element, said tubular connector element in the distal end thereof has a tubular top connector arranged and in the proximal end thereof is connected to a connector unit, said fixation element further comprising a tubular locking element inside the connector element, said tubular locking element being displaceable therein, said locking element, in the distal end thereof, having a locking unit.

11. The first mounting tool according to claim 10, wherein the locking unit comprises distal locking tongues with inner flanges, forming a female mating connection, which may be radially compressed within the top connector, when they move proximally.

12. A kit comprising a first mounting tool according to one of any claims 1 to 11 and a second mounting tool for receiving a flexible ring-shaped part of an anastomotic device on a rigid part of an anstomotic device, said second mounting tool comprising: a longitudinal guiding element for passing through a central passage or lumen in a first

mounting tool; and a connection plate arranged distally on the guiding element, said connection plate being configured to connect to a rigid part of an anstomotic device.

13. The kit according to claim 12, wherein the guiding element of the second mounting tool has a hollow configuration.

14. The kit according to claim 12, wherein the connection plate of the second mounting tool has a substantially conical shape, with proximal top end and a distal base end, and is configured to be snap-in fitted or screw fitted circumferentially with a rigid part of an anastomotic device in the distal end thereof.

15. The kit according to claim 12, wherein the proximal conical surface of the connection plate of the second mounting tool is configured to closingly fit and/or attach to a receiving portion of a mounting tool according to claim 1.

16. The kit according to claim 12, wherein the guiding element extends through the connection plate of the second mounting tool, such that it also will pass through a rigid part of an anastomotic device connected to the distal part of the connection plate.

17. The kit according to claim 16, wherein the part extending distally through the connection plate is provided with through slots, such that tongues of the second mounting tool are created therebetween.

18. The kit according to claim 12, comprising a hood releasably connected to the guiding element or tongues distally of a rigid part of an anastomotic device attached to the connection plate of the second mounting tool.

19. The kit to claim 18, wherein the hood of the second mounting tool is a disc shaped unit with a central passage.

20. The kit according to claim 18, wherein the guiding element or the tongues of the second mounting tool extends through the central passage of the hood and connects to a hood locker, positioned distally of the hood.