CLAIMS

1. A subcutaneous implantable device for guiding a vascular access member, the device comprising:

a channel defined by a through-hole in the device,

wherein the channel is configured to guide the vascular access member therethrough to a vascular site; and

anchoring means adapted to fixedly attach the device to at least one of a dermis or a subcutaneous tissue at a position underneath the dermis to allow repeated access of the vascular access member through the channel to the vascular site,

wherein the device is dimensioned to allow the device to be attached through the anchoring means for anchoring the entire device at a distance away from the vascular site.

2. The device of claim 1, wherein the anchoring means are fixedly attached in the form of using suture, tissue in-growth, tissue encapsulation or tissue adhesion.

3. The device of claim 1, wherein the anchoring means are adapted to fixedly attach the device to the at least one of the dermis or the subcutaneous tissue for the channel to consistently guide the vascular access member to repeatedly access a same location of the vascular site, via a same angle and via a same location of the dermis.

4. A subcutaneous implantable device for guiding a vascular access member, the device comprising:

a channel defined by a through-hole in the device, wherein the channel is configured to guide the vascular access member therethrough to a vascular site; and

at least one subcutaneous anchor adapted to attach, in a form of using suture or tissue in-growth or tissue encapsulation or a tissue adhesion, the device to a subcutaneous tissue at a position underneath a dermis of the subcutaneous tissue,

wherein the device is dimensioned to allow the device to be attached through the at least one subcutaneous anchor for anchoring the entire device at a distance away from the vascular site.

5. The device as claimed in claim 4, wherein the device is configured to exert a compression on a layer of subcutaneous tissue between the device and the vascular site in response to a normal compression applied to the dermis to facilitate hemostasis of the vascular site.

6. The device of claim 4, further comprising at least one dermis anchor adapted to attach, in a form of using suture or tissue adhesion, the device to a dermis.

7. The device of claim 6, wherein the dermis anchor is adapted to fixedly attach the device to the dermis at the position underneath the dermis, adjacent and non-invasive to the vascular site.

8. The device of claim 4, wherein the subcutaneous anchor is adapted to fixedly attach the device to the subcutaneous tissue adjacent and non-invasive to the vascular site.

9. The device of claim 1 or 4, further comprising a top surface, an opposing bottom surface and a sidewall extending between the top surface and the opposing bottom surface, wherein at least a portion of the top surface and at least of a portion of the opposing bottom surface are spaced less than 6 mm apart from each other to enable the device to be implanted through an incision having a depth of less than 6 mm.

10. The device of claim 9, wherein the top surface and the opposing bottom surface are substantially parallel to each other.

11. The device of claim 9, wherein the opposing bottom surface is at least substantially flat.

12. The device of claim 9, wherein the top surface comprises an identifiable portion for enabling an orientation of the device to be determined through tactile feel.

13. The device of claim 9, wherein the top surface and the bottom surface are of the same shape.

14. The device of claim 13, wherein the top surface and the bottom surface are elliptical, or triangular, or "I"-shaped.

15. The device of claim 9, wherein at least one of the top surface, the opposing bottom surface or the sidewall is sandblasted.

16. The device of claim 9, wherein the sidewall extends from the top surface at a curve-edged interface.

17. The device of claim 9, wherein the sidewall extends from the opposing bottom surface at a curve-edged interface.

18. The device of claim 9, wherein the channel has an inlet positioned on the top surface of the device through which the vascular access member enters, and an outlet positioned on the opposing bottom surface of the device from which the vascular access member exits.

19. The device of claim 9, wherein a centre axis of the channel forms an acute angle relative to the top surface of the device.

20. The device of claim 19, wherein the channel is configured to guide the vascular access member towards the vascular site outside a footprint of the device.

21. The device of claim 19, wherein the acute angle is about 5 degrees to about 45 degrees.

22. The device of claim 1 or 4, wherein the channel has a substantially uniform diameter.

23. The device of claim 1, wherein the anchoring means comprises an anchoring passage configured to allow the device to be sutured to at least one of a dermis or a subcutaneous tissue and optionally, tissue in-growth therethrough.

24. The device of claim 4, wherein the subcutaneous anchor comprises an anchoring passage configured to allow the device to be sutured to at least one of a dermis or a subcutaneous tissue and optionally, tissue in-growth therethrough.

25. The device of claim 1, wherein the anchoring means is arranged on a sidewall.

26. The device of claim 1, wherein the anchoring means is arranged on a top surface.

27. The device of claim 23 or 24, wherein the anchoring passage comprises an aperture arranged coplanar with a top surface or an exterior surface of a sidewall.

28. The device of claim 23 or 24, further comprising a plurality of anchoring passages.

29. The device of claim 1 or 4, further comprising at least one opening to allow tissue in-growth therethrough.