CLAIMS

1. An anchor system for securing a catheter to a patient, comprising:

a retainer capable of receiving a portion of a catheter;

an anchor pad comprising a lower surface, an upper surface, and a window extending through the anchor pad, wherein the lower surface comprises an adhesive layer to adhere the anchor pad to skin of the patient, wherein the retainer is attached to the upper surface, wherein the window provides access to the skin of the patient for application of a topical skin adhesive at a catheter insertion site disposed within the window.

2. The anchor system of claim 1, wherein the window encloses or partially encloses the insertion site.

3. The anchor system of claim 1, further comprising the skin adhesive disposed within the window to secure the catheter in place at the insertion site.

4. The anchor system of claim 3, wherein the skin adhesive is cured to form a flexible or semi-rigid layer.

5. The anchor system of claim 3, wherein the skin adhesive comprises cyanoacrylate.

6. The anchor system of claim 1, further comprising a release liner covering the adhesive layer.

7. The anchor system of claim 1, wherein the anchor pad further comprises a slot, wherein the slot extends from the window to an exterior of the anchor pad and allows the catheter to be inserted into the patient prior to positioning and securing the anchor pad to the skin of the patient.

8. The anchor system of claim 1, wherein the retainer and the window are aligned.

9. A method of securing a catheter, comprising:

providing an anchor pad, wherein the anchor pad comprises a lower surface, an upper surface, and an window extending through the anchor pad, wherein the lower surface comprises an adhesive layer to adhere the anchor pad to skin of a patient;

providing a catheter securement mechanism on the upper surface of the anchor pad;

inserting a catheter into a patient at an insertion site;

adhering the anchor pad to the skin of the patient via the adhesive layer;

securing a portion of the catheter within the catheter securement mechanism; and

after the catheter is inserted at the insertion site and the anchor pad is adhered to the skin of the patient, applying an adhesive at the insertion site disposed within the window of the anchor pad.

10. The method of claim 9, wherein the catheter securement mechanism comprises a retainer or an adhesive well.

11. The method of claim 9, wherein the window encloses the insertion site.

12. The method of claim 9, wherein the anchor pad further comprises a slot, wherein the slot extends from the window to an exterior of the anchor pad, wherein adhering the anchor pad to the skin of the patient via the adhesive layer comprises placing the window around the previously inserted catheter via the slot.

13. The method of claim 9, wherein the adhesive is cured to form a flexible or semi-rigid layer.

14. The method of claim 9, wherein adhering the anchor pad to the skin of the patient via the adhesive layer comprises removing a release liner covering the adhesive layer.

15. An anchor system for securing a catheter to a patient, comprising:

an anchor pad comprising a lower surface, an upper surface, an window extending through the anchor pad, wherein the lower surface comprises an adhesive layer to adhere the anchor pad to skin of the patient; and

a catheter securement mechanism attached to the upper surface of the anchor pad, wherein the catheter securement mechanism is configured to receive a catheter inserted into a patient at an insertion site disposed within the window.

16. The anchor system of claim 15, wherein the catheter securement mechanism comprises an adhesive well, wherein a portion of the catheter is disposed within the adhesive well.

17. The anchor system of claim 15 wherein the window is inset from an outer edge of the anchor pad.

18. The anchor system of claim 17, further comprising the adhesive disposed within the window to secure the catheter in place at the insertion site.

19. The anchor system of claim 18, wherein the adhesive is cured to form a flexible or semi-rigid layer.

20. The anchor system of claim 18, wherein the adhesive comprises cyanoacrylate.