

CLAIMS

1. A method of securing a catheter, comprising:
 inserting a catheter into a patient at an insertion site;
after inserting the catheter into the patient at the insertion site, adhering an anchor pad to skin of the patient via an adhesive layer, wherein the anchor pad comprises a lower surface, an upper surface, and an opening extending through the anchor pad and from an outer edge of the anchor pad, wherein the lower surface comprises the adhesive layer to adhere the anchor pad to the skin of the patient, wherein the anchor pad comprises a retainer on the upper surface of the anchor pad and extending across the opening, wherein the anchor pad is adhered to the skin of the patient via the adhesive layer such that the opening extends beyond the insertion site; securing a portion of the catheter within the retainer; and after adhering the anchor pad to the skin of the patient via the adhesive layer and after securing the portion of the catheter within the retainer, applying a liquid adhesive within the opening at the insertion site such that the liquid adhesive contacts the anchor pad and the skin of the patient within the window.
2. The method of claim 1, wherein the anchor pad further comprises
a slot, wherein the slot extends from the opening to the outer edge of the anchor pad, wherein adhering the anchor pad to the skin of the patient via the adhesive layer comprises placing the opening around the catheter via the slot.
3. The method of claim 1, further comprising curing the liquid adhesive to form a flexible or semi-rigid layer.
4. The method of claim 1, wherein adhering the anchor pad to the skin of the patient via the adhesive layer comprises removing a release liner covering the adhesive layer.
5. The method of claim 1, wherein the liquid adhesive comprises cyanoacrylate.

CLAIMS

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

a retainer configured to receive a portion of the catheter;

an anchor pad comprising:

a lower surface comprising an adhesive layer configured to adhere the anchor pad to the patient;

an upper surface; and

a window extending through the anchor pad beneath the retainer, the window comprising an insertion site disposed within the window, wherein the retainer is disposed on the upper surface; and

a liquid topical adhesive disposed within the window and applied to the insertion site, the liquid topical adhesive being in contact with the anchor pad and the retainer, wherein the window facilitates controlled and contained application of the liquid topical adhesive at the insertion site.

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

3. The anchor system of claim 1, wherein the liquid topical adhesive secures the catheter in place at the insertion site.

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

5. The anchor system of claim 3, wherein the liquid topical 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 is configured to receive the catheter.
8. The anchor system of claim 1, wherein the retainer and the window are aligned.
9. The anchor system of claim 1, wherein the window is inset from an outer edge of the anchor pad.
10. The anchor system of claim 9, wherein the liquid topical adhesive is cured to form a flexible or semirigid layer.
11. The anchor system of claim 9, wherein the liquid topical adhesive comprises cyanoacrylate.
12. The anchor system of claim 1, wherein the anchor pad comprises a removable release liner covering the adhesive layer.