CLAIMS

~~1. A pediatric catheter system, comprising:~~

~~a catheter adapter having a distal end, a proximal end, and a lumen extending therebetween, wherein an outer surface of the lumen comprises an upper surface and a lower surface, wherein the lower surface comprises an adhesive;~~

~~a catheter cannula extending distally from the catheter adapter;~~

~~a needle hub removably coupled to a proximal end of the catheter adapter; and~~

~~an introducer needle extending through the catheter cannula, wherein a proximal end of the introducer needle is secured within the needle hub.~~

~~2. The pediatric catheter system of claim 1, wherein the catheter cannula is 24 gauge or 26 gauge.~~

~~3. The pediatric catheter system of claim 1, wherein a length of the catheter cannula is approximately 14 mm.~~

~~4. The pediatric catheter system of claim 1, wherein the catheter adapter further comprises a plurality of wings, wherein the plurality of wings extend outwardly from the catheter adapter, wherein the plurality of wings are configured to fold upwardly.~~

~~5. The pediatric catheter system of claim 4, further comprising a housing, wherein the housing fits over the catheter adapter and secures the plurality of wings in an upward position.~~

~~6. The pediatric catheter system of claim 5, wherein the housing comprises a finger grip extending outwardly from a distal end of the housing, wherein the housing is removed to extend the plurality of wings.~~

~~7. The pediatric catheter system of claim 4, wherein the catheter adapter further comprises a push tab that extends upwardly from the upper surface of the catheter adapter.~~

~~8. The pediatric catheter system of claim 7, wherein the push tab is a first push tab and the catheter adapter further comprises a second push tab that extends upwardly from between the plurality of wings.~~

~~9. The pediatric catheter system of claim 1, wherein the adhesive comprises an integrated tape strip having a removable backing layer.~~

~~10.~~1. A pediatric catheter system, comprising:

a catheter adapter having a distal end, a proximal end, and a lumen extending therebetween, wherein an outer surface of the lumen comprises an upper surface and a lower surface, wherein the catheter adapter further comprises a first push tab distal to a plurality of wings and a second push tab extending upwardly from between the plurality of wings~~an adhesive is coupled to the lower surface~~;

~~a~~the plurality of wings ~~that~~ extend outwardly from the catheter adapter, wherein the plurality of wings are configured to fold upwardly;

a housing, wherein the housing is disposed over the catheter adapter and secures the plurality of wings in an upward position, wherein the first push tab is distal to the housing, wherein the second push tab is disposed within the housing and fits underneath the housing, wherein the housing comprises a finger grip;

a catheter cannula extending distally from the catheter adapter;

a needle hub removably coupled to a proximal end of the catheter adapter, wherein the needle hub comprises a thumb grip, wherein a height of the thumb grip is greater than a height of the first push tab, a height of the second push tab, and a height of the finger grip, wherein when the plurality of wings are in the upward position, a height of the plurality of wings is greater than the height of the second push tab; and

an introducer needle extending through the catheter cannula, wherein a proximal end of the introducer needle is secured within the needle hub.

~~11. The pediatric catheter system of claim 10, wherein the catheter adapter further comprises a push tab that extends upwardly from the upper surface of the catheter adapter.~~

~~12. The pediatric catheter system of claim 11, wherein the push tab is a first push tab and the catheter adapter further comprises a second push tab that extends upwardly from between the plurality of wings.~~

~~13.~~2. The pediatric catheter system of claim ~~10~~1, wherein a length of the catheter cannula is approximately 14 mm.

~~14.~~3. The pediatric catheter system of claim ~~10~~1, wherein ~~the~~an adhesive is coupled to the lower surface of the outer surface of the lumen, wherein the adhesive comprises an integrated tape strip having a removable backing layer.

~~15.~~4. The pediatric catheter system of claim ~~10~~1, wherein the plurality of wings comprises an upper surface and a lower surface, wherein the lower surface of the plurality of wings comprises an adhesive.

~~16.~~5. The pediatric catheter system of claim ~~10~~1, ~~further comprising a housing, wherein the housing fits over the catheter adapter and secures the plurality of wings in an upward position,~~ wherein the housing is removed to extend the plurality of wings.

~~17. A pediatric catheter system, comprising:~~

~~a catheter adapter having a distal end, a proximal end, and a lumen extending therebetween, wherein an outer surface of the lumen comprises an upper surface and a lower surface, wherein a first adhesive is coupled to the lower surface;~~

a plurality of wings that extend outwardly from the catheter adapter, wherein the plurality of wings are configured to fold upwardly, wherein the plurality of wings comprise a first surface and a second surface, wherein a second adhesive is coupled to the second surface;

a catheter cannula extending distally from the catheter adapter;

a push tab that extends upwardly from the upper surface of the catheter adapter;

a needle hub removably coupled to a proximal end of the catheter adapter; and

an introducer needle extending through the catheter cannula, wherein a proximal end of the introducer needle is secured within the needle hub.

18. The pediatric catheter system of claim 17, wherein the first adhesive and the second adhesive comprises an integrated tape strip having a removable backing layer.

19. The pediatric catheter system of claim 17, further comprising a housing, wherein the housing fits over the catheter adapter and secures the plurality of wings in an upward position, wherein the housing is removed to extend the plurality of wings.

20. The pediatric catheter system of claim 17, wherein the push tab is a first push tab and the catheter adapter further comprises a second push tab that extends upwardly from between the plurality of wings.