

What is claimed is:

1. A syringe comprising:

a syringe barrel having a distal end, an open proximal end, and a sidewall extending
5 between the distal end to the open proximal end, the sidewall defining a chamber, an outer
circumferential surface, and a snap-in, syringe engagement feature oriented on the outer
circumferential surface adjacent the distal end thereof;

a non-luer tip oriented on the distal end of the syringe barrel, dimensioned such that the
non-luer tip is not connectable to an intravenous device, the non-luer tip defining a fluid
10 pathway in fluid communication with the chamber;

an enteral collar, defining a bore in communication with a distal end and a proximal
end thereof, the bore having a snap-in, enteral collar engagement feature oriented at the
proximal end of the enteral collar that is complementary to and engageable with the syringe
engagement feature, the enteral collar engagement feature selectively biased initially in a
15 direction away from a centerline of the bore upon initial axial insertion and advancement of the
tip of the syringe into the bore and then biased in a direction toward the bore centerline upon
snap-in engagement with the syringe engagement feature, wherein the respective enteral collar
engagement and syringe engagement features comprise at least one opposed pair of cantilever
snap joints separated by relief cuts, a pair of opposed a pair of concave recesses formed in the
20 outer circumferential surface of the barrel and a complementary mating convex projection
comprising a cantilever arm coupled to the bore of the enteral collar, and wherein the concave
recess captures an opposed projecting hook formed on the cantilever arm; and

the enteral collar surrounding the non-luer tip when the syringe engagement feature is
engaged with the enteral collar engagement feature, and the enteral collar being sized to permit
25 connection to an enteral device and prevent connection to a device having a luer connector,
wherein the relief cuts provide enhanced radial deflection of the enteral collar compared to an
enteral collar without relief cuts to facilitate easier insertion and advancement of the syringe
into the collar.

2. The syringe of claim 1, wherein the enteral collar engagement feature comprises at least one cantilever snap joint.
3. The syringe of claim 2, further comprising a plurality of cantilever snap joints oriented
5 circumferentially about the bore of the enteral collar.
4. The syringe of claim 3, the enteral collar further comprising two relief cuts formed in the proximal end thereof.
- 10 5. The syringe of claim 1, wherein the proximal end of the enteral collar includes the syringe engagement feature and the distal end of the enteral collar includes threads formed in the bore thereof, for engaging a threaded, non-luer connector.
6. The syringe of claim 5, wherein all the threads are axially separated from the enteral
15 collar engagement feature.
7. The syringe of claim 1, wherein after mating engagement of the syringe engagement feature and the enteral collar engagement feature, the enteral collar is not separable from the syringe.
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8. The syringe of claim 1, further comprising mating anti-rotation features formed respectively in the outer circumferential surface of the syringe barrel and in the bore of the enteral collar, so that the enteral collar is not rotatable with respect to the syringe after mating engagement of the syringe engagement feature and the enteral collar engagement feature.
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9. The syringe of claim 1, wherein the chamber has a volume in a range of 5ml and less than 10 ml, and a dead space region that retains fluid in the chamber after fluid is expelled from the chamber, wherein the dead space region contains less than 0.075 ml of fluid.
- 30 10. The syringe of claim 1, wherein axial length of the non-luer tip is greater than the axial length of the bore of the enteral collar, so that the non-luer tip projects out of the distal end of

the enteral collar after engagement of the respective syringe and enteral collar engagement features.

11. The syringe of claim 1, wherein the enteral collar is outside the fluid pathway and not
5 in fluid communication with the chamber.

12. The syringe of claim 1, further comprising radially oriented relief cuts formed in the proximal end of the enteral collar.