

What is Claimed is:

1. An injector docking device for placing an intraocular shunt into an eye, the injector docking device comprising:

a body comprising an elongate eye-contacting component having a pair of prongs comprising at least one eye-contacting portion, the pair of prongs having proximal ends spaced apart by a gap; and

a needle support component coupled to the proximal ends of the pair of prongs, the needle support component comprising a needle port extending to the gap of the pair of prongs, the needle port defining a needle axis extending in a direction of the at least one eye-contacting portion.

2. The injector docking device of Claim 1, wherein the pair of prongs diverge to increase a size of the gap in a direction away from the needle support component.

3. The injector docking device of Claim 1, wherein the needle support component comprises a shaft having the needle port extending therethrough, the needle port comprising a lumen within the shaft.

4. The injector docking device of Claim 1, wherein the eye-contacting portion comprises an adhesion component for coupling the injector docking device to the eye.

5. The injector docking device of Claim 4, wherein the adhesion component comprises a plurality of spikes.

6. The injector docking device of Claim 4, wherein the adhesion component comprises a channel for applying vacuum pressure to a surface of the eye.

7. The injector docking device of Claim 6, wherein the channel extends along a scleral contact surface of the body.

8. The injector docking device of Claim 6, wherein the channel extends along a corneal contact surface of the body.

9. The injector docking device of Claim 6, further comprising a vacuum port in fluid communication with the channel, the vacuum port extending from an upper portion of the body.

10. The injector docking device of Claim 1, wherein the eye-contacting portion comprises an arcuate eye-contacting surface for alignment of the injector docking device relative to an indicium of the eye and alignment of the needle axis to the eye.

11. The injector docking device of Claim 1, wherein each of the pair of prongs taper toward a tip portion configured to contact the eye.

12. The injector docking device of Claim 1, wherein the body comprises a ring-shaped structure coupled to the pair of prongs and forming the eye-contacting portion, and wherein the needle axis extends through the gap toward the ring-shaped structure.

13. The injector docking device of Claim 12, wherein the body comprises a second eye-contacting portion coupled together with the ring-shaped structure via the pair of prongs, the ring-shaped structure being spaced apart from the second eye-contacting portion, and wherein the needle axis extends through the second eye-contacting portion toward the ring-shaped structure.

14. The injector docking device of Claim 13, wherein needle support component is coupled to the second eye-contacting portion.

15. The injector docking device of Claim 1, comprising a bleb pocket adjacent to the needle port, the bleb pocket comprising a concavity extending into the body from the eye-contacting component toward an upper portion of the body.

16. An injector docking device for placing an intraocular shunt into an eye, the injector docking device comprising:

a body comprising an annular eye-contacting component having a gap; and

a needle support component coupled to the annular eye-contacting component of the body, the needle support component comprising a needle port adjacent to the gap, the needle port defining a needle axis extending through the gap toward the annular eye-contacting component.

17. The injector docking device of Claim 16, comprising a bleb pocket adjacent to the needle port, the bleb pocket comprising a concavity extending into the body from the eye-contacting component toward an upper portion of the body.

18. An injector docking device for placing an intraocular shunt into an eye, the injector docking device comprising:

an arcuate body comprising first and second eye-contacting components coupled together via a bridge, the first eye-contacting component comprising a semicircular shape and spaced apart from the second eye-contacting component; and

a needle support component coupled to the arcuate body, the needle support component comprising a needle port, the needle port defining a needle axis extending through the second eye-contacting component toward the first eye-contacting component.

19. The injector docking device of Claim 18, wherein needle support component is coupled to the second eye-contacting component.

20. The injector docking device of Claim 18, comprising a bleb pocket adjacent to the needle port, the bleb pocket comprising a concavity extending into the body from the second eye-contacting component toward an upper portion of the body.

21. An intraocular shunt inserter comprising the injector docking device of Claim 1.

22. The inserter of Claim 21, wherein a housing of the inserter and the injector docking device form a single handheld unit in which the housing and the injector docking device are collectively formed as a single, continuous material.

23. The inserter of Claim 21, further comprising a needle movable relative to a housing of the inserter, the needle having an extended configuration in which a distal end of the needle is positioned distally beyond an abutment portion of the injector docking device, the injector docking device abutment portion being configured to contact a surface of an eye, and a retracted configuration in which the needle distal end is retracted into the housing.

24. The inserter of Claim 21, further comprising a needle movable relative to a housing of the inserter, the needle having an extended configuration in which a distal end of the needle extends distally beyond a needle outlet of the injector docking device and a retracted configuration in which the needle distal end is retracted into the housing.