CLAIMS

1. An intravascular device comprising:

a port having a lumen, the lumen including an annular recess; and

an antimicrobial septum positioned within the annular recess, wherein the antimicrobial septum comprises a ring, wherein the ring comprises a generally circular outer surface, a generally circular inner surface, a top surface, a bottom surface, and a plurality of slits, wherein the generally circular inner surface forms an opening of the ring that extends from the top surface through the bottom surface, wherein each of the plurality of slits extends from the top surface through the bottom surface and partially from the generally circular inner surface to the generally circular outer surface, wherein each of the plurality of slits contains an antimicrobial lubricant for providing antimicrobial protection to another device when the other device is inserted into the lumen and into the antimicrobial septum, wherein the ring is elongated such that when the other device is coupled to the port, the other device extends distally into the ring, but does not fully extend through the elongated ring.

2. The intravascular device of claim 1, wherein the antimicrobial lubricant is applied to the inner surface of the ring.

3. The intravascular device of claim 1, further comprising:

a second septum positioned at an opening of the port, the second septum sealing fluids within the lumen of the port, wherein the antimicrobial septum and the second septum are spaced apart.

4. The intravascular device of claim 1 or claim 2, wherein the port comprises a female luer.

5. The intravascular device of claim 4, wherein the other device comprises a male luer and wherein the annular recess is positioned such that when the other device is connected to the port the male luer extends partially into the antimicrobial septum.

6. The intravascular device of claim 1, wherein the intravascular device is a ported catheter or a female luer fitting.

7. The intravascular device of any one of claims 1 to 6, wherein the outer surface is positioned within the annular recess.

8. The intravascular device of any one of claims 1 to 7, wherein each of the plurality of slits extends from the inner surface towards the outer surface.

9. A ported catheter comprising:

a catheter adapter;

a port extending from the catheter adapter, the port having a lumen that includes an annular recess; and

an antimicrobial septum positioned within the annular recess, wherein the antimicrobial septum comprises a ring, wherein the ring comprises a generally circular inner surface, a generally circular outer surface, and a plurality of grooves, wherein the grooves are spaced apart from each other and partially extend from the generally circular inner surface to the generally circular outer surface, forming an additional surface area on which an antimicrobial lubricant may be contained and wherein the generally circular inner surface forms an opening of the ring that extends along the longitudinal axis of the septum for an entire width of the antimicrobial septum, wherein each of the plurality of grooves extends along the longitudinal axis of the septum for the entire width of the antimicrobial septum, wherein the plurality of grooves contains an antimicrobial lubricant that is transferred to a device when the device is connected to the port.

10. The ported catheter of claim 9, further comprising:

a second septum for maintaining a fluid within the lumen of the port.

11. The ported catheter of claim 9 or claim 10, wherein the outer surface is positioned within the annular recess.