

Claims

1. A system comprising:
 - a lock and release connector comprising a body, at least one door engaged with the body, and at least one fastener connecting at least one end of the door to the body, wherein the door is moveable from a first position to a second position;
 - an outer tube having a distal opening; and
 - an implantable medical device disposed in the outer tube wherein the medical device has an extension;
 - wherein the extension is interposed between the body and the door.
2. A system comprising:
 - a lock and release connector comprising a body, at least one door engaged with the body, and the spring connecting the door to the body, wherein the door is moveable from a first position to a second position;
 - an outer tube having a distal opening;
 - an implantable medical device disposed in the outer tube wherein the medical device has an extension; and
 - wherein the extension is interposed between the body and the door.
3. The system of claim 2, wherein the door is integral with the body.
4. The system of claim 2, wherein the door is connected to the body.
5. The system of claim 1, wherein the door is hingedly connected to the body.
6. The system of claim 2, wherein the door comprises a shape memory material.
7. The system of claim 2, further comprising at least one fastener connecting at least one end of the door to the body.
8. The system of claim 1, wherein the door is actively controlled to move from a first position to a second position.

9. A system comprising:
- a lock and release connector comprising a body, at least one door engaged with the body, and a wire, a screw, a separate hinge, or a pin connecting the body and the door, wherein the door is moveable from a first position to a second position;
 - an outer tube having a distal opening;
 - an implantable medical device disposed in the outer tube wherein the medical device has an extension; and
 - wherein the extension is interposed between the body and the door.
10. The system of claim 1, further comprising a second door moveable from a first position to a second position, wherein the first and second doors are sequentially moveable from the respective first position to the respective second position.
11. The system of claim 9, wherein the door is hingedly connected to the body.
12. The system connector of claim 9, wherein the door is actively controlled to move from the first position to the second position.
13. The system of claim 9, further comprising a second door moveable from a first position to a second position, wherein the first and second doors are sequentially moveable from the respective first position to the respective second position.
14. The system of claim 2, wherein the door is hingedly connected to the body.
15. The system connector of claim 2, wherein the door is actively controlled to move from the first position to the second position.
16. The system of claim 2, further comprising a second door moveable from a first position to a second position, wherein the first and second doors are sequentially moveable from the respective first position to the respective second position.