

AbstractVascularElement

```
classDiagram
    class AbstractVascularElement
    class MultiSegmentVessel
    class SingleVessel
    MultiSegmentVessel --|> AbstractVascularElement
    SingleVessel --|> AbstractVascularElement
```

The diagram illustrates a class hierarchy. At the top is the abstract class *AbstractVascularElement*. Below it are two concrete classes, *MultiSegmentVessel* and *SingleVessel*. Both concrete classes inherit from the abstract class, as indicated by the upward-pointing arrows from their respective boxes to the abstract class box.

MultiSegmentVessel

SingleVessel