Claims

1. A wire fixture for fixing a position of a medical wire inserted into a bone, the wire fixture being configured to be attached to the medical wire, the wire fixture comprising:

a ball member formed in a ball shape and having, as a portion through which the medical wire penetrates, a penetration portion extending in a thickness direction of the ball member,

wherein a thickness dimension of the ball member is smaller than a minimum outer dimension of the ball member in a front view,

the penetration portion is a horizontally elongated through-hole when a longitudinal direction of the penetration portion is the horizontal direction in the front view,

wherein a pair of concave-convex parts facing each other in a widthwise direction of the penetration portion is formed on an inner surface of the penetration portion, and

wherein, the ball member is configured to be crushed in a state that the medical wire penetrates the penetration portion so that the medical wire is clamped by an inner surface of the penetration portion and the ball member is attached to the medical wire.

2. The wire fixture according to claim 1, wherein a plurality of protrusions each having a pointed tip are formed on a back surface of the ball member where one end of the penetration portion opens.

3. The wire fixture according to claim 1, wherein the ball member is formed in an oblate spheroid shape, and the penetration portion is a penetration hole extending in a widthwise direction of the ball member.

4. A wire fixture for fixing a position of a medical wire inserted into a bone, the wire fixture being configured to be attached to the medical wire, the wire fixture comprising:

a ball member formed in a ball shape and having, as a portion through which the medical wire penetrates, a

penetration portion extending in a thickness direction of the ball member,

wherein a minimum outer dimension of the ball member in a front view is three times or more a thickness dimension of the ball member, and

wherein, the ball member is configured to be crushed in a state that the medical wire penetrates the penetration portion so that the medical wire is clamped by an inner surface of the penetration portion and the ball member is attached to the medical wire.

5. A wire fixture for fixing a position of a medical wire inserted into a bone, the wire fixture being configured to be attached to the medical wire, the wire fixture comprising:

a ball member formed in a ball shape and having, as a portion through which the medical wire penetrates, a penetration portion extending in a thickness direction of the ball member,

wherein

one or more convex portions are formed on an inner surface of the penetration portion, the convex portion is formed in a triangular shape when viewed in a front view of the penetration portion, and is formed along a penetrating direction of the penetration portion, or

a pair of concave-convex parts facing is formed on an inner surface of the penetration portion in regions facing each other when viewed in a front view of the penetration portion, a convex portion of the concave-convex part is formed in a triangular shape when viewed in the front view, and is formed along a penetrating direction of the penetration portion, and

wherein, the ball member is configured to be crushed in a state that the medical wire penetrates the penetration portion so that the medical wire is clamped by an inner surface of the penetration portion and the ball member is attached to the medical wire.