

PRESETTABLE ARTIFICIAL BIOLOGICAL AORTIC VALVE

Abstract

The present invention discloses a presettable artificial biological aortic valve which comprises a valve seat (1), a valve leaflet stent (2) and three valve leaflets (3) attached to the valve leaflet stent (2), wherein the valve seat (1) is a one-way limiting expandable annular metal seat; the head end of each seat body unit (4) is sequentially provided with a first rivet (7), a limiting protrusion (6) and a first long circular groove (5) from the outside to the inside; the tail end of each seat body unit (4) is sequentially provided with a second long circular groove (8) matched with the first rivet (7) at the head end of the adjacent seat body unit (4), a second limiting hole (10) and a first limiting hole (9) matched with the limiting protrusion (6), and a second rivet (11) matched with the first long circular groove (5). The presettable artificial biological aortic valve has an original preset state and a normal use state after one-way limiting expansion.

FIG. 1