

Abstract

Disclosed is a medical pendant arm system and rotation shaft used for the same. The medical head mast arm system comprises: an anchor plate (10), wherein
5 the anchor plate (10) is used for fixing to the roof structure in the installation space of the medical pendant arm system; a first rotation shaft (11), wherein the first rotation shaft (11) comprises a shaft outer ring (111), a shaft inner ring (112) and a ball spacer sleeve (113), wherein the ball spacer sleeve (113) is disposed between the shaft outer ring (111) and the shaft inner ring (112), the lower portion of the
10 shaft outer ring (111) forms a rectangular flange (114), and the upper portion of the shaft outer ring (111) forms a circular flange (115), wherein the circular flange (115) of the first rotation shaft (11) is fixed directly to the anchor plate (10) or fixed to the anchor plate (10) by means of an extension column (20); and a first arm (12), wherein the first arm, in the vicinity of one end portion thereof, is fixed to the
15 rectangular flange (114) of the first rotation shaft (11). The medical head mast arm system has a compact overall structure, is easy to assemble with a short assembling time, and has few parts. An electromagnetic brake or an air-bag brake can be selectively installed thereon.