ABSTRACT

A surgical decision support system based on augmented reality (AR) and a method thereof are disclosed. In the surgical decision support system, a surgeon can create an optimal surgical operation before a surgical operation; during a surgical operation, the optimal surgical operation can be demonstrated through augmented reality, a current surgical operation is detected and compared with the optimal surgical operation, a difference message is displayed to provide a surgical decision support when a comparison difference exceeds a tolerable range. Therefore, the technical effect of improving operation efficiency and success rate can be achieved.

[FIG. 1]