First of all, THANK you very much for your valuable suggestions on revising my article. My answers are as follows:

- 1. LARS: Ligament Advanced Reinforcement System
- 2. During recent years, with the development of advanced biomaterials and the progress of refined surgical techniques, a novel artificial ligament scaffold—the Ligament Advanced Reinforcement System (LARS; Surgical Implants and Devices, Arc-sur-Tille, France)-has been developed[10]. LARS artificial ligament is a biomimic scaffold of artificial ligament made of polyester [polyethylene terephthalate (PET)] fibers. In vitro cell culture indicates that fibroblasts adhere to and encapsulate LARS artificial ligament [11], and in vivo, LARS artificial ligament induces growth of autologous collagen tissue and neoligament formation[12]. The biomechanics of resisting tension, flexion, and torsion load of LARS artificial ligament are good[13]. LARS, due to its mechanical properties, biocompatibility, and unique weaving method, showed good clinical performance with low postoperative complication rates and early rehabilitation, has long been held in good regard by orthopedists in China[14]. At present, it is widely used in the reconstruction of anterior and posterior cruciate ligaments, and some clinical studies have reported that the application of LARS artificial ligament is effective in patch repair of massive rotator cuff tears[15].

- 3. The methodology part of the study have been shifted to the results part of the paper
- We have visited the professional English language editing companies you by recommend: <u>https://www.wjgnet.com/bpg/gerinfo/240</u> and submitted the revised article.