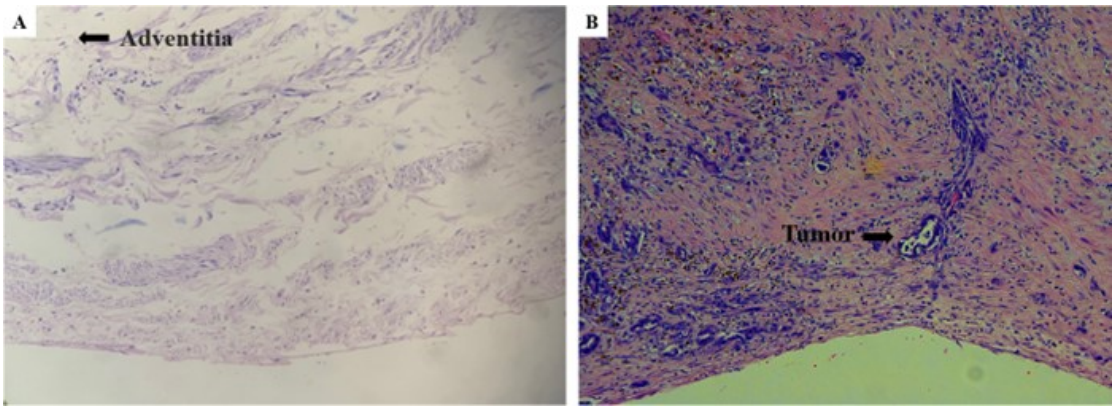
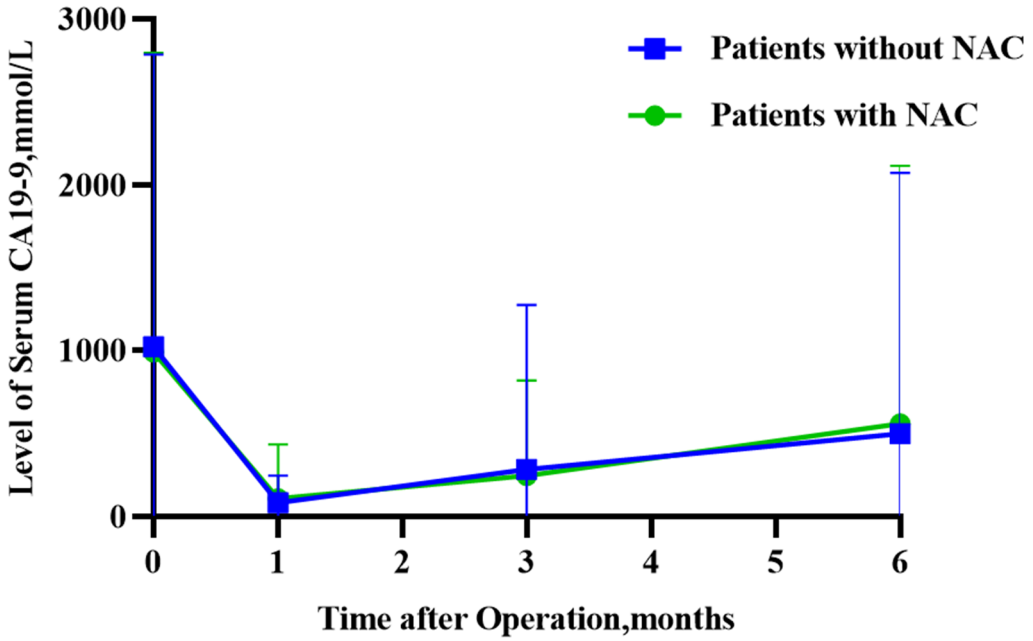
Supplementary material

Figure S1. Microscopic performances of vascular margin



(A) Microscopic performance of vascular margin in Group1(HE staining ×100).
(B) Microscopic performance of vascular margin in Group2 (HE staining ×100).
(Abbreviation: HE, hematoxylin and eosin)

Figure S2. CA19-9 level after operation with/without NAC.



CA19-9 significantly decreased after operation, because of the tumor resection. However, CA19-9 increase gradually over time after operation.