

Supplementary Table 1. Quality assessment of non-comparative studies using modified Newcastle-Ottawa scale

Study	Question 1	Question 2	Question 3	Question 4	Question 5	Quality	Comments
Kashin et al., ³⁴ 2016	Yellow	Green	Green	Green	Green	Moderate	1. Study does not specify if patient's were a random sampling of all eligible patients (i.e. consecutively eligible patients) 2. LGD was confirmed by two expert pathologists 3. All patients followed to completion of therapy 4. Strictures and CR-IM reported 5. CR-IM is pathologic diagnosis
Manner et al., ³⁶ 2014	Yellow	Green	Green	Green	Green	Moderate	1. Study does not specify if patient's were a random sampling of all eligible patients (i.e. consecutively eligible patients) 2. Biopsies performed and BE confirmed endoscopically prior to inclusion 3. All patients except those excluded (reasons provided) followed to completion of therapy 4. Strictures and CR-IM reported 5. CR-IM is pathologic diagnosis
Rösch et al., ³² 2017	Green	Green	Yellow	Green	Green	Moderate	1. Study does not specify if patient's were a random sampling of all eligible patients (i.e. consecutively eligible patients) 2. Biopsies performed to confirm BE prior to inclusion 3. 84 of 164 patients did not complete therapy (no reasons provided) 4. Strictures and CR-IM reported 5. CR-IM is pathologic diagnosis
Shimizu et al. ³⁵ 2021	Yellow	Green	Green	Green	Green	Moderate	1. Study does not specify if patient's were a random sampling of all eligible patients (i.e. consecutively eligible patients) 2. Biopsies performed to confirm BE prior to inclusion 3. All patients followed to completion of therapy except three that decided to forgo further treatment 4. Strictures and CR-IM reported 5. CR-IM is pathologic diagnosis
Staudenmann et al., ²⁹ 2021	Green	Green	Green	Green	Green	Good	1. Study specifies that consecutive patients with dysplastic BE enrolled 2. Biopsies performed to confirm BE prior to inclusion 3. All patients followed to completion of therapy 4. Strictures and CR-IM reported 5. CR-IM is pathologic diagnosis
Knabe et al., ³⁰ 2022	Green	Green	Green	Green	Green	Good	1. Study specifies that consecutive patients with dysplastic BE enrolled 2. Biopsies performed to confirm BE prior to inclusion 3. All but two patients followed to completion of therapy (reasons provided) 4. Strictures and CR-IM reported 5. CR-IM is pathologic diagnosis

Questions 1–5 of modified NOS for case-series^{15,16}: 1. Did the patient(s) represent the whole case(s) of the medical center?; 2. Was the diagnosis correctly made?; 3. Was follow-up long enough for outcomes to occur?; 4. Were all important data cited in the report?; 5. Was the outcome correctly ascertained?; green: yes; yellow: not specified; red: no.