**Supplement 3**. Common scenarios in which proton pump inhibitor gastroprotection is recommended. It should be noted that additional guidance regarding testing for H. pylori and selection of appropriate NSAID formulations is not included in this table and can be found in the relevant guidelines

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| --- | --- | --- |
|  | Relevant guideline | Evidence Grade |
| Dual anti-platelet therapy | Bhatt, 2008 and Abraham, 2010  Valgimigli, 2017 | Not graded  GRADE IB |
| Anti-platelet drug plus NSAID | Bhatt, 2008  Lanza, 2009 | Not graded  GRADE 2C |
| ASA plus anticoagulation | Bhatt, 2008 | Not graded |
| History of ulcer bleeding with ongoing use of any NSAID, antiplatelet therapy or anticoagulation | Bhatt 2008  Barkun, 2019  Lanza, 2009 | Not graded  GRADE 2C  GRADE 1B |
| Patients using NSAIDs with any of the following additional risk factors: age>65 years, high dose NSAID therapy, a previous uncomplicated ulcer, concurrent use of aspirin | Lanza 2009 | GRADE 2C |
| Patients using aspirin with any 2 of the following: age >60, corticosteroid use, dyspepsia or GERD symptoms | Bhatt, 2008 | Not graded |

GERD = gastroesophageal reflux disease; NSAIDs = nonsteroidal anti-inflammatory drugs; PPI = proton pump inhibitor