

Documentation of the Evidence leading to the final SSI Guideline and declaration of author's conflict of interest

1. Selection process for Swiss or International Guidelines

1.1. What guidelines were considered for the selection

Year of publication	Name of Organization	Link to pdf or PMID	Swiss / Intl
2022	Aktualisierte S2k-Leitlinie Helicobacter pylori und gastroduodenale Ulkuskrankheit der Deutschen Gesellschaft für Gastroenterologie, Verdauungs- und Stoffwechselkrankheiten (DGVS).	https://register.awmf.org/de/leitlinien/detail/021-001	Intl
2022	Management of Helicobacter pylori infection: the Maastricht VI/Florence consensus report.	https://pubmed.ncbi.nlm.nih.gov/35944925/	Intl
2017	ACG and CAG Clinical Guideline: Management of Dyspepsia.	https://pubmed.ncbi.nlm.nih.gov/28631728/	Intl
2022	British Society of Gastroenterology guidelines on the management of functional dyspepsia.	https://pubmed.ncbi.nlm.nih.gov/35798375/	Intl
2020	United European Gastroenterology (UEG) and European Society for Neurogastroenterology and Motility (ESNM) consensus on functional dyspepsia.	https://pubmed.ncbi.nlm.nih.gov/33939891/	Intl

Comment: *(e.g. if no reference guideline could be found)*

There are no recent guidelines from Infectious Diseases Societies, Microbiology Societies, General Internal Medicine, or from Primary Care.

1.2. Final selection of the reference Guideline

The following guideline was considered as the reference* guideline for the SSI:

Name of Organization / Guideline / PMID:

- DGVS: German guidelines, 2022
- Maastricht/Florence VI Consensus 2022, PMID: 35944925
- British Society of Gastroenterology guidelines on the management of functional dyspepsia, 2022, PMID: 35798375,
- UEG/ESNM 2020: Guidelines on management of dyspepsia, PMID: 34586707

Date of decision: 31.12.2022

Remarks (e.g. short comment on the rationale for the decision)

The German guidelines on H. pylori infection, 2022; and the Maastricht/Florence VI Consensus 2022 comprehensively review current evidence – including the challenge of antibiotic resistance - but do not rigorously require the implementation of antibiotic stewardship principles.
The guidelines on the management of dyspepsia even do not mention antibiotic resistance.

2. Description of specific issues for Swiss guidelines

Please indicate which part of the guideline needs to be amended for the use in Switzerland. Enlarge table as needed. Try to *limit description of amendments to one page*.

Topic (with page-nr)	Describe the change for the Swiss Guideline	Rationale for the change
H. pylori resistance testing	Systematic resistance testing preferred; empirical treatment as an exception	High and increasing rates of antibiotic resistance
Susceptibility- guided / resistance- guided / tailored treatment	Choice of antibiotic combination based on principles of antibiotic stewardship, i.e., based on the results of resistance testing	Empirical treatment results in poor treatment outcome

Date of final agreement within the expert group for these changes: 31.12.2022

3. Declaration of author's conflict of interest

The authors declare the following conflicts of interest:

No conflicts of interest.

Date	Author	Name of Guideline doc
13.04.23	Prof. Rainer Weber	<i>Helicobacter pylori</i> Infektion