

# Medical Devices Glossary

## Abbreviations, Terms, and Symbols

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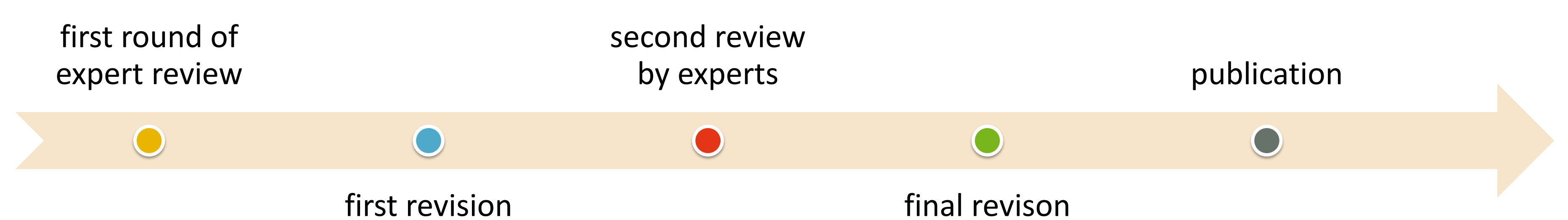
## Objectives and methodology

### Glossary objectives

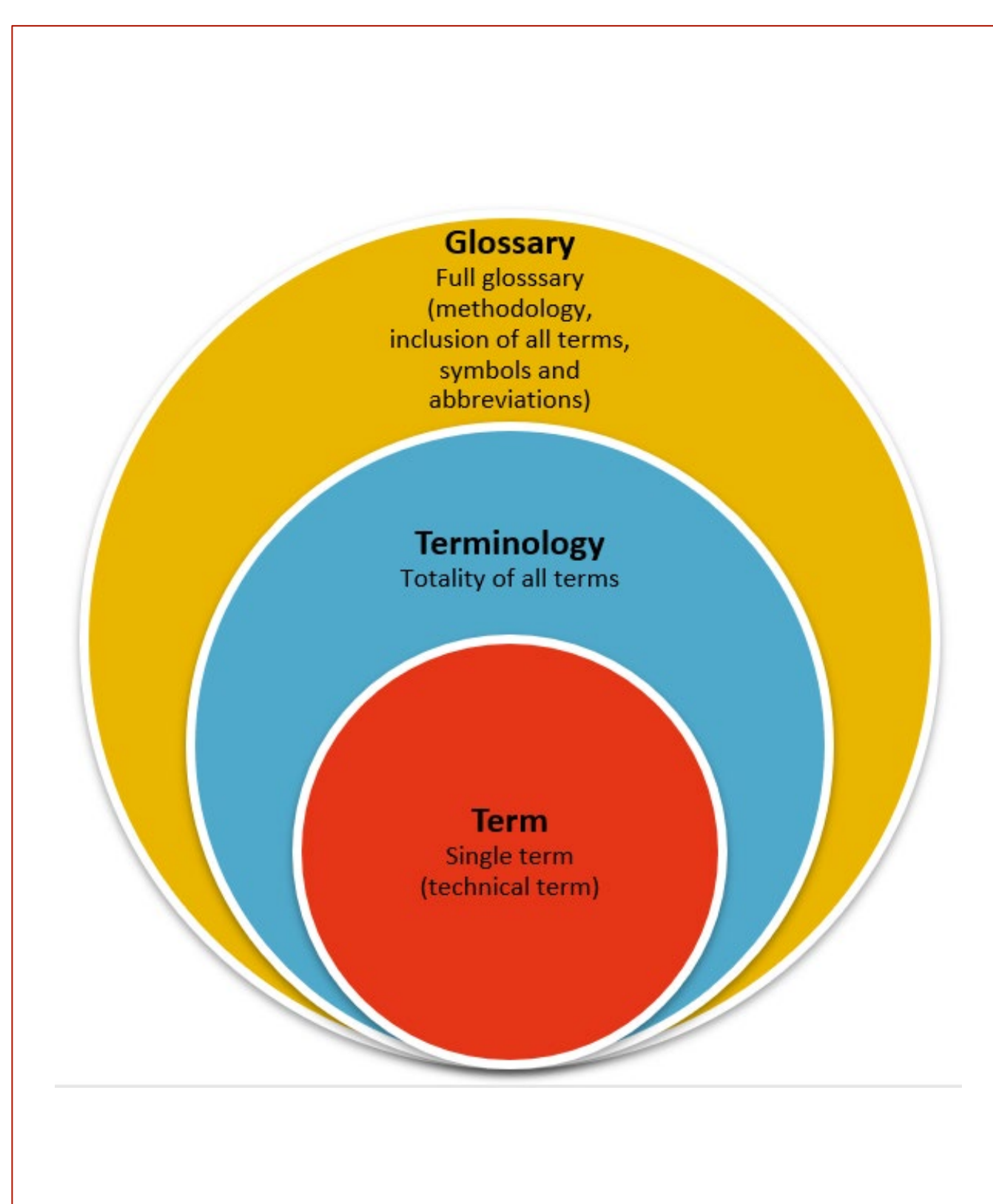
<b>Creating a common terminology</b>
• Creating a common language and perspective on relevant concepts to improve interdisciplinary communication
<b>Promoting cooperation</b>
• Promote cooperation and exchange between the different disciplines in the medical devices field at national and European level
<b>Integrating the diversity of competences</b>
• Integration of competences from different subjects, economic and research areas through an evidence-based evaluation (expert review)
<b>Creating a database</b>
• Creation of a database for practical application in business and research (e.g. for reports and publications)
<b>Continuous further development</b>
• Ongoing further development by means of a standardised updating process

### 5-phase model of glossary development (adapted methodology of Velardi et al. 2006)

1. Definition of glossary objectives
2. Determination of glossary content
3. Categorisation und term allocation
4. Planing the update process and version management
5. Expert review



## Glossary scope, content and categories



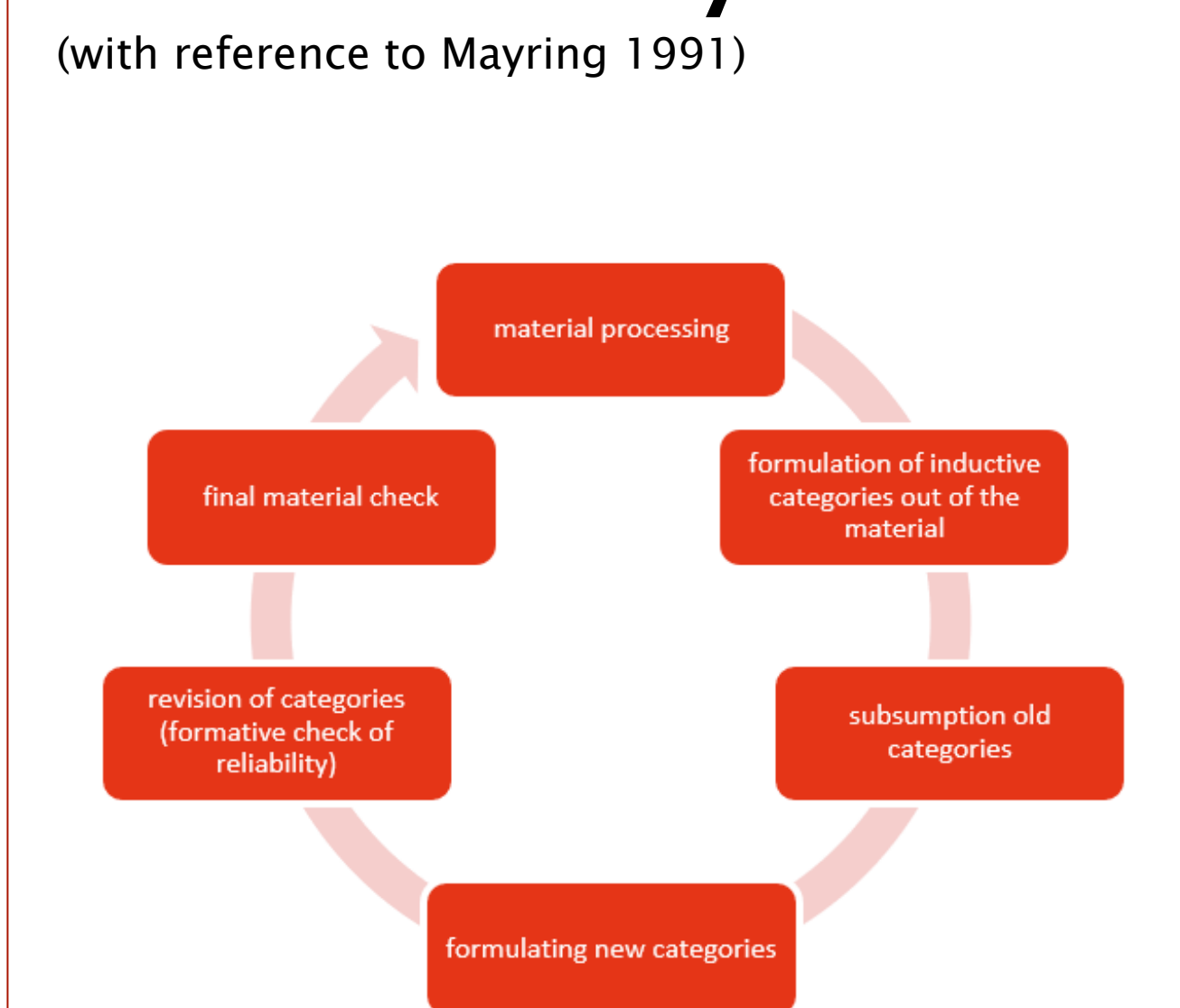
### Glossary content

- terminology used in practice in the medical device industry
- addressing the whole product cycle, ranging from research and development to market surveillance
- relevant abbreviations, terms und symbols in German and English

### Categorisation

- 4 main categories
  - actors
  - products
  - processes
  - legal framework
- 32 sub-categories

### Qualitative inductive content analysis (with reference to Mayring 1991)








## Glossary structure

### Glossary A: List of abbreviations

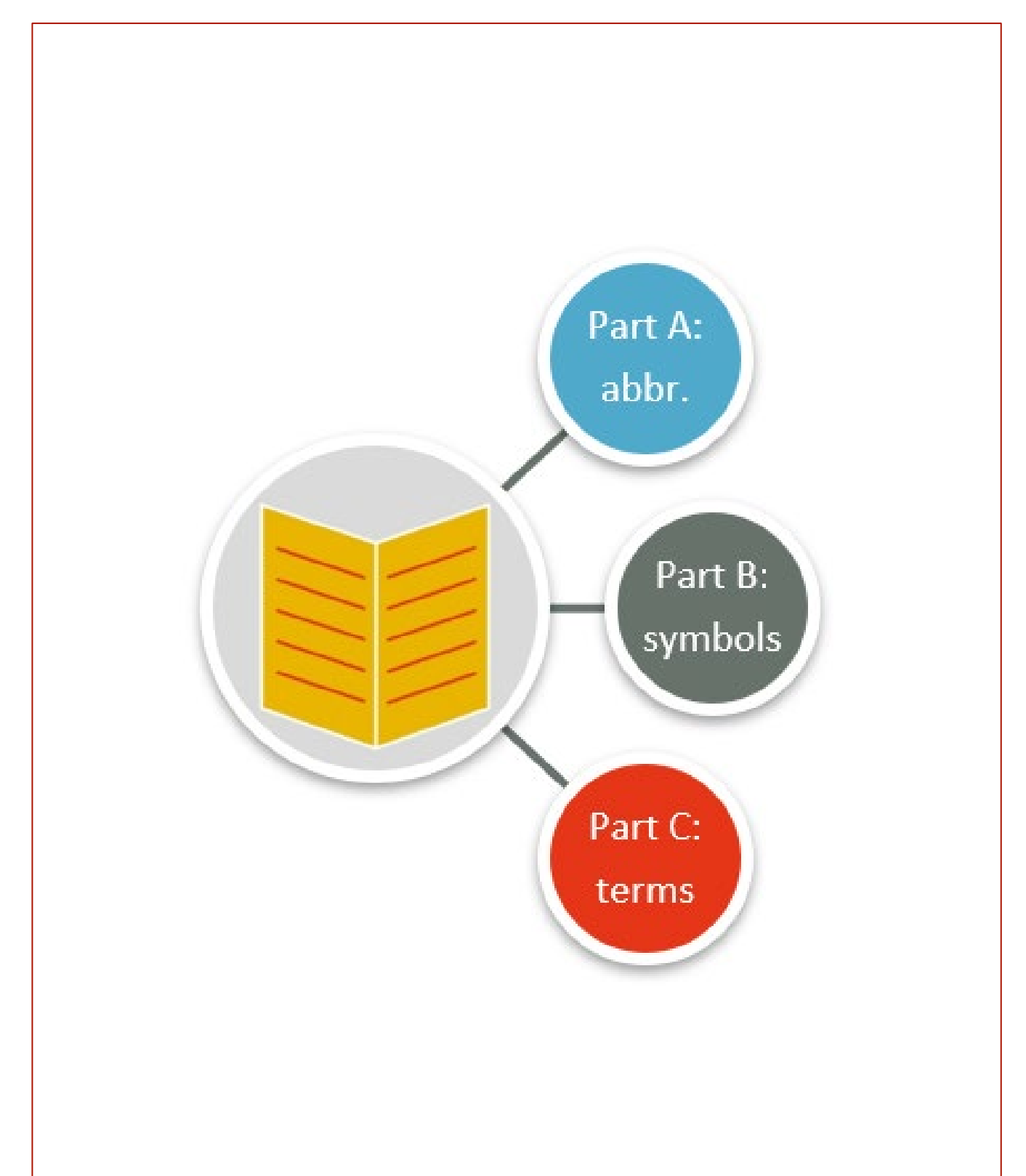
- Content: 217 abbreviations
- Purpose: search option for abbreviations and their meaning

### Glossary B: List of symbols

- Content: 140 symbols     
- Purpose: search option for subject-specific symbols

### Glossary C: List of terms

- Content: 751 terms
- Purpose: search option for technical terms and their meaning



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Sources:  
Mayring, P. (1991): Qualitative Inhaltsanalyse. In: Handbuch qualitative Forschung: Grundlagen, Konzepte, Methoden und Anwendungen. Hg. von Flick, U., Kardoff, E. v.; Keupp, H.; Rosenstiel, L. v.; Wolff, S. Beltz - Psychologie Verl. Union, München, S. 209-213 <https://nbn-resolving.org/urn:nbn:de:0168-ssar-37278>  
Velardi, P.; Pöler, R.; Tomás, J.V. (2006): Methodology for the Definition of a Glossary in a Collaborative Research Project and its Application to a European Network of Excellence. In: Interoperability of Enterprise Software and Applications. Eds.: Konstantas, D.; Bourrières, J. P.; Leonard, M.; Bouglida, N. Springer, London. [https://doi.org/10.1007/978-1-85238-152-0\\_28](https://doi.org/10.1007/978-1-85238-152-0_28)