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The use of stems in the selection of International Nonproprietary Names (INN) for pharmaceutical substances 2018 (Stem Book 2018)



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Contents

Preface		v
Part I	Introduction	1
Part II A	Alphabetical list of common stems	5
Part II B	Alphabetical list of common stems and their definition	11
Part III	Stem classification with corresponding examples of stems and their definition	31
Part IV	Alphabetical list of stems together with corresponding INN	51
Annex 1	Procedure for the selection of recommended INN for Pharmaceutical Substances	189
Annex 2	General Principles for Guidance in Devising INN for Pharmaceutical Substances	195
Annex 3	INN for monoclonal antibodies	199
Annex 4	INN for gene therapy substances	205
Annex 5	Reference to publications containing proposed INN Lists	207
Annex 6	Why INN ?	209

Preface

The document *“The Use of Common Stems in the Selection of INN”* is intended primarily for persons and companies applying to the WHO INN Programme for the selection of an INN for a new pharmaceutical substance and has been designed to assist in the process of devising a suitable proposal. It will also be of assistance to institutions and specialists involved in the review of proposed INN, including drug regulatory authorities, pharmaceutical manufacturers, patent offices and trade mark officers as well as for scientists, teachers, health professionals and other persons interested generally in drug nomenclature. The document is composed of four main parts and six annexes.

Part I *“Introduction”* describes the WHO INN Programme, INN selection procedure and criteria for name selection and provides general information on the INN stem system.

Part II contains the list of all INN stems. It is composed of two indexes, one entitled *“Alphabetical List of Common Stems”* which presents the list of stems, and another entitled *“Alphabetical List of Common Stems and their definitions”* which includes a definition for each stem.

Part III presents the stem classification system used by the INN Programme to categorize the principal activity of pharmaceutical substances. Each category included in the list is given an appropriate code consisting of a capital letter and three digits. When INN for substances belonging to a given category include a specific stem, appropriate information is included in the table.

Part IV of the document entitled *“Alphabetical List of Stems Together With Corresponding INN”* serves as a listing of all proposed INN (published in Lists 1 - 119) containing INN stems. The list is organized in alphabetical order (as set out in Part II) and includes all INN containing a stem. In addition, under each stem heading, information is given on INN in which the preferred stem has been used but not in accordance with its definition, as well as on INN which belong to the same group of pharmaceutical substances but in which no preferred stem has been used. To facilitate the use of Part IV, the lay-out of information is presented as a diagram on page 7 and is complemented by additional information given at the end of part I *“Introduction”*.

Six annexes attached to the document are intended to be of assistance to users. Annex 1 reproduces the *Procedure for the Selection of Recommended International Nonproprietary Names for Pharmaceutical Substances* as approved by the WHO Executive Board in its resolution EB15.R7 as amended by resolution EB115.R4. Annex 2 reproduces *General Principles for Guidance in Devising International Nonproprietary Names for Pharmaceutical Substances* as approved by the WHO Executive Board in the above-mentioned resolution, as amended. Annex 3 explains the nomenclature scheme for monoclonal antibodies. Annex 4 explains the nomenclature scheme for gene therapy substances. Annex 5 gives reference to the volumes of the *WHO Drug Information* in which proposed lists of INN have been published. Annex 6 *“Why INN?”* gives general information on the current situation of the WHO INN Programme and its achievements.

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