



Standard Terminology Relating to Medical and Surgical Materials and Devices¹

This standard is issued under the fixed designation F2809; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This terminology standard is a repository for the terms, and their standardized definitions, as relates to the technical standards generated by ASTM Committee F04 on Medical and Surgical Materials and Devices. The meanings and explanations of the technical terms have been written for both the non-expert and the expert user.

1.2 The terms are listed in alphabetical sequence; in **Appendix X1** they are listed by the subcommittee of origin.

1.3 At a minimum, this standard is updated annually (at a time corresponding to the publication of the Annual Book of ASTM Standards containing this terminology standard) to editorially include any terms approved in the Committee's technical standards.

1.4 The originating standard of each term is included for informational purposes, following each listing of a term and its associated definition.

2. Referenced Documents

2.1 *Historical ASTM Standards:*²

F921 Terminology Relating to Hemostatic Forceps

F1078 Terminology for Surgical Scissors—Inserted and Non-Inserted Blades

F1251 Terminology Relating to Polymeric Biomaterials in Medical and Surgical Devices (Withdrawn 2012)³

F1582 Terminology Relating to Spinal Implants

F1638 Terminology for Surgical Tissue/Dressing/Pick-Up Forceps (Thumb-Type)

F1840 Terminology for Surgical Suture Needles

F2005 Terminology for Nickel-Titanium Shape Memory Alloys

¹ This terminology is under the jurisdiction of ASTM Committee F04 on Medical and Surgical Materials and Devices and is the direct responsibility of Subcommittee F04.97 on Editorial and Terminology.

Current edition approved Aug. 15, 2010. Published December 2010. DOI: 10.1520/F2809-10.

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ The last approved version of this historical standard is referenced on www.astm.org.

F2312 Terminology Relating to Tissue Engineered Medical Products

NOTE 1—The definition for each term is accompanied by a reference to the standard from which it originated. All active standards of the Committee may therefore be considered references, and are not reproduced here.

3. Significance and Use

3.1 All approved F04 standards have their terms reproduced in this terminology document, per section 1.3. The terms are listed both alphabetically, and by subcommittee of origin, per section 1.2.

3.1.1 This standard maintains a single source for terminology reference for ASTM Committee F04.

3.1.2 This standard assists in the authoring of new ASTM standards, and standard revisions, where authors can find and utilize existing terms to avoid generation of extraneous, duplicative, or contradicting terms.

3.2 Some terms may appear more than once.

3.2.1 In some cases, multiple definitions of a term are needed, based on the variety of applications and sectors to which it applies.

3.2.2 Because this terminology standard is a repository for all approved terms of Committee F04, it may become evident that multiple definitions for a term have been developed, but need coordination.

3.2.2.1 An objective of this document is to make duplication evident, and to facilitate harmonization of terms by Committee F04 as appropriate.

3.3 **Appendix X2** provides background on the history and objectives of this terminology standard.

4. Terminology

accelerator, *n*—additive used to increase the rate of cure. An accelerator may also be a catalyst, or it may actually change composition and, therefore, not qualify as a catalyst. **F602**

acetal plastic, *n*—plastic based on polymers having a predominance of acetal linkages in the main chain. (See also **polyoxymethylene**.) **F1251**

acousto-electric transfer function, H_{SE} , *n*—electrical input to the IMEHD output transducer E produced by a sound field,