

AMENDED AND RESTATED  
CERTIFICATE OF INCORPORATION  
OF  
ANGIODYNAMICS, INC.

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Pursuant to Sections 242 and 245 of the  
General Corporation Law of the State of Delaware

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AngioDynamics, Inc. (the "Corporation"), a corporation organized and existing under the General Corporation Law of the State of Delaware (the "GCL"), does hereby certify as follows:

(1) The name of the Corporation is AngioDynamics, Inc. The Corporation was originally incorporated under the name A.D., Inc. The original certificate of incorporation of the Corporation was filed with the office of the Secretary of State of the State of Delaware on July 30, 1992.

(2) This Amended and Restated Certificate of Incorporation was duly adopted by the Board of Directors of the Corporation (the "Board of Directors") and by the sole stockholder of the Corporation in accordance with Sections 228, 242 and 245 of the GCL.

(3) This Amended and Restated Certificate of Incorporation restates and integrates and further amends the certificate of incorporation of the Corporation, as heretofore amended or supplemented.

(4) Upon the filing (the "Effective Time") of this Amended and Restated Certificate of Incorporation pursuant to the GCL, (i) each share of the Corporation's voting common stock, \$1.00 par value per share (the "Old Voting Common Stock"), and (ii) each share of the Corporation's non-voting common stock, \$1.00 par value per share (the "Old Non-Voting Common Stock" and, together with the Old Voting Common Stock, the "Old Common Stock"), in each case, issued and outstanding immediately prior to the Effective Time shall be reclassified as and changed into 9,200 shares of validly issued, fully paid, and non-assessable Common Stock authorized by Article FOURTH of this Amended and Restated Certificate of Incorporation (totaling 9,200,000 shares of Common Stock), without any action by the holder thereof (the "Reclassification"). Each certificate that theretofore represented a share or shares of Old Common Stock shall thereafter represent that number of shares of Common Stock into which the share or shares of Old Common Stock represented by such certificate shall have been reclassified.

(5) The text of the Certificate of Incorporation is amended and restated in its entirety as follows:

FIRST: The name of the Corporation is AngioDynamics, Inc. (the "Corporation").

SECOND: The address of the registered office of the Corporation in the State of Delaware is 1209 Orange Street, in the City of Wilmington, County of

New Castle. The name of its registered agent at that address is The Corporation Trust Company.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of the State of Delaware (the "GCL").

FOURTH: The total number of shares of stock which the Corporation shall have authority to issue is 50,000,000 shares of capital stock, consisting of (i) 45,000,000 shares of common stock, par value \$.01 per share (the "Common Stock"), and (ii) 5,000,000 shares of preferred stock, par value \$.01 per share (the "Preferred Stock").

The Board of Directors is hereby expressly authorized to provide for the issuance of all or any shares of the Preferred Stock in one or more classes or series, and to fix for each such class or series such voting powers, full or limited, or no voting powers, and such designations, preferences and relative, participating, optional or other special rights and such qualifications, limitations or restrictions thereof, as shall be stated and expressed in the resolution or resolutions adopted by the Board of Directors providing for the issuance of such class or series, including, without limitation, the authority to provide that any such class or series may be (i) subject to redemption at such time or times and at such price or prices; (ii) entitled to receive dividends (which may be cumulative or non-cumulative) at such rates, on

such conditions, and at such times, and payable in preference to, or in such relation to, the dividends payable on any other class or classes or any other series; (iii) entitled to such rights upon the dissolution of, or upon any distribution of the assets of, the Corporation; or (iv) convertible into, or exchangeable for, shares of any other class or classes of stock, or of any other series of the same or any other class or classes of stock, of the Corporation at such price or prices or at such rates of exchange and with such adjustments; all as may be stated in such resolution or resolutions.

FIFTH: The following provisions are inserted for the management of the business and the conduct of the affairs of the Corporation, and for further definition, limitation and regulation of the powers of the Corporation and of its directors and stockholders:

(a) The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors.

(b) The Board of Directors shall consist of not less than one or more than fifteen members, the exact number of which shall be fixed from time to time by resolution adopted by the affirmative vote of a majority of the active Board of Directors.

(c) The directors shall be divided into three classes, designated Class I, Class II and Class III. Each class shall consist, as nearly as may be possible,

of one-third of the total number of directors constituting the entire Board of Directors. The initial division of the Board of Directors into classes shall be made by the decision of the affirmative vote of a majority of the entire Board of Directors. The term of the initial Class I directors shall terminate on the date of the 2004 annual meeting; the term of the initial Class II directors shall terminate on the date of the 2005 annual meeting; and the term of the initial Class III directors shall terminate on the date of the 2006 annual meeting. At each succeeding annual meeting of stockholders beginning in 2004, successors to the class of directors whose term expires at that annual meeting shall be elected for a three-year term. If the number of directors is changed, any increase or decrease shall be apportioned among the classes so as to maintain the number of directors in each class as nearly equal as possible, and any additional director of any class elected to fill a vacancy resulting from an increase in such class shall hold office for a term that shall coincide with the remaining term of that class, but in no case will a decrease in the number of directors shorten the term of any incumbent director.

(d) A director shall hold office until the annual meeting for the year in which his or her term expires and until his or her successor shall be elected and shall qualify, subject, however, to prior death, resignation, retirement, disqualification or removal from office.

(e) Subject to the terms of any one or more classes or series of Preferred Stock, any vacancy on the Board of Directors that results from an increase in the number of directors may be filled by a majority of the Board of Directors then in office, provided that a quorum is present, and any other vacancy occurring on the Board of Directors may be filled by a majority of the Board of Directors then in office, even if less than a quorum, or by a sole remaining director. Any director of any class elected to fill a vacancy resulting from an increase in the number of directors of such class shall hold office for a term that shall coincide with the remaining term of that class. Any director elected to fill a vacancy not resulting from an increase in the number of directors shall have the same remaining term as that of his predecessor. Subject to the rights, if any, of the holders of shares of Preferred Stock then outstanding, any or all of the directors of the Corporation may be removed from office at any time, but only for cause and only by the affirmative vote of the holders of at least a majority of the voting power of the Corporation's then outstanding capital stock entitled to vote generally in the election of directors. Notwithstanding the foregoing, whenever the holders of any one or more classes or series of Preferred Stock issued by the Corporation shall have the right, voting separately by class or series, to elect directors at an annual or special meeting of stockholders, the election, term of office, filling of vacancies and other features of such directorships shall be governed by the terms of this Amended and Restated

Certificate of Incorporation applicable thereto, and such directors so elected shall not be divided into classes pursuant to this Article FIFTH unless expressly provided by such terms.

(f) In addition to the powers and authority hereinbefore or by statute expressly conferred upon them, the directors are hereby empowered to exercise all such powers and do all such acts and things as may be exercised or done by the Corporation, subject, nevertheless, to the provisions of the GCL, this Amended and Restated Certificate of Incorporation, and any By-Laws adopted by the stockholders; provided, however, that no By-Laws hereafter adopted by the stockholders shall invalidate any prior act of the directors which would have been valid if such By-Laws had not been adopted.

SIXTH: No director shall be personally liable to the Corporation or any of its stockholders for monetary damages for breach of fiduciary duty as a director, except to the extent such exemption from liability or limitation thereof is not permitted under the GCL as the same exists or may hereafter be amended. If the GCL is amended hereafter to authorize the further elimination or limitation of the liability of directors, then the liability of a director of the Corporation shall be eliminated or limited to the fullest extent authorized by the GCL, as so amended. Any repeal or modification of this Article SIXTH shall not adversely affect any right or protection of a director of the Corporation existing at the time of such repeal or

modification with respect to acts or omissions occurring prior to such repeal or modification.

SEVENTH: The Corporation shall indemnify its directors and officers to the fullest extent authorized or permitted by law, as now or hereafter in effect, and such right to indemnification shall continue as to a person who has ceased to be a director or officer of the Corporation and shall inure to the benefit of his or her heirs, executors and personal and legal representatives; provided, however, that, except for proceedings to enforce rights to indemnification, the Corporation shall not be obligated to indemnify any director or officer (or his or her heirs, executors or personal or legal representatives) in connection with a proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized or consented to by the Board of Directors. The right to indemnification conferred by this Article SEVENTH shall include the right to be paid by the Corporation the expenses incurred in defending or otherwise participating in any proceeding in advance of its final disposition.

The Corporation may, to the extent authorized from time to time by the Board of Directors, provide rights to indemnification and to the advancement of expenses to employees and agents of the Corporation similar to those conferred in this Article SEVENTH to directors and officers of the Corporation.

The rights to indemnification and to the advancement of expenses conferred in this Article SEVENTH shall not be exclusive of any other right which any person may have or hereafter acquire under this Amended and Restated Certificate of Incorporation, the By-Laws of the Corporation, any statute, agreement, vote of stockholders or disinterested directors or otherwise.

Any repeal or modification of this Article SEVENTH shall not adversely affect any rights to indemnification and to the advancement of expenses of a director or officer of the Corporation existing at the time of such repeal or modification with respect to any acts or omissions occurring prior to such repeal or modification.

EIGHTH: Until such time as E-Z-EM, Inc., a Delaware corporation ("E-Z-EM"), shall engage in a pro rata distribution of the common stock of the Corporation held by E-Z-EM to the stockholders of E-Z-EM (the "Distribution"), any action required or permitted to be taken at any annual or special meeting of stockholders of the Corporation may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted and shall be delivered to the Corporation as set forth in the By-Laws of the Corporation.

From and after the consummation of the Distribution, any action required or permitted to be taken by the stockholders of the Corporation must be effected at a duly called annual or special meeting of the Corporation, and the ability of the stockholders to consent in writing to the taking of any action shall be specifically denied.

NINTH: Meetings of stockholders may be held within or without the State of Delaware, as the By-Laws may provide. The books of the Corporation may be kept (subject to any provision contained in the GCL) outside the State of Delaware at such place or places as may be designated from time to time by the Board of Directors or in the By-Laws of the Corporation.

TENTH: In furtherance and not in limitation of the powers conferred upon it by the laws of the State of Delaware, the Board of Directors shall have the power to adopt, amend, alter or repeal the Corporation's By-Laws. The affirmative vote of at least a majority of the entire Board of Directors shall be required to adopt, amend, alter or repeal the Corporation's By-Laws. The Corporation's By-Laws also may be adopted, amended, altered or repealed by the affirmative vote of the holders of at least a majority of the voting power of the shares entitled to vote at an election of directors.

ELEVENTH: The Corporation reserves the right to amend, alter, change or repeal any provision contained in this Amended and Restated Certificate

of Incorporation in the manner now or hereafter prescribed in this Amended and Restated Certificate of Incorporation, the Corporation's By-Laws or the GCL, and all rights herein conferred upon stockholders are granted subject to such reservation.

IN WITNESS WHEREOF, the Corporation has caused this Restated Certificate of Incorporation to be executed on its behalf this 27 day of February 2004.

ANGIODYNAMICS, INC.

By: \_\_\_\_\_  
Name:  
Title: