

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

February 4, 2009

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

NxStage Medical, Inc.

File No. 000-51567 - CF# 22960

NxStage Medical, Inc. submitted an application under Rule 24b-2 requesting an extension of a previous grant of confidential treatment for information it excluded from an Exhibit to a Form 10-Q filed on May 5, 2006.

Based on representations by NxStage Medical, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit(s) will not be released to the public for the time period(s) specified:

Exhibit 10.1 through December 31, 2009

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Jay Ingram
Special Counsel