

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
November 13, 2014**

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

Syneron Medical Ltd.

File No. 001-34559 - CF#31239

Syneron Medical Ltd. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 20-F filed on March 19, 2014.

Based on representations by Syneron Medical Ltd. 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 exhibits will not be released to the public for the time periods specified:

Exhibit 4.20	through March 19, 2017
Exhibit 4.21	through March 19, 2017

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

Brent J. Fields
Secretary