

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
February 16, 2011**

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

Clinical Data, Inc.

File No. 0-12716 - CF# 26253

Clinical Data, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 8-K filed on January 27, 2011.

Based on representations by Clinical Data, 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 exhibits will not be released to the public for the time periods specified:

| | |
|--------------|---------------------------|
| Exhibit 10.1 | through January 27, 2016 |
| Exhibit 10.2 | through December 31, 2015 |

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

Sonia Gupta Barros
Special Counsel