

Mazor Robotics to Report First Quarter 2014 Financial Results on May 7, 2014

CAESAREA, Israel, April 30, 2014 – Mazor Robotics Ltd. (TASE:MZOR; NASDAQGM:MZOR), a developer of innovative guidance systems and complementary products, announced today that it will report financial results for the first quarter ended March 31, 2014, before the U.S. markets open on Wednesday, May 7, 2014.

The company will host a conference call to discuss these results on Wednesday, May 7, 2014, at 8:30 AM ET (3:30 PM IST). Investors within the United States interested in participating are invited to call 888-549-7750 and reference the Conference ID: 4681223. Participants in Israel can use the toll free dial-in number 1-809-21-4368 and reference the same Conference ID number. All other international participants can use the dial-in number 1-480-629-9770, using the same Conference ID.

A replay of the event will be available for two weeks following the conclusion of the call. To access the replay, callers in the United States can call 1-800-406-7325 and reference the Replay Access Code: 4681223. All international callers can dial 1-30-590-3030, using the same Replay Access Code.

To access the webcast, please visit www.mazorrobotics.com, click 'Investors.'

About Mazor

Mazor Robotics (TASE: MZOR; NASDAQGM: MZOR) believes in healing through innovation by developing and introducing revolutionary robotic-based technology and products aimed at redefining the gold standard of quality care. Mazor Robotics Renaissance® Guidance System enables surgeons to conduct spine and brain procedures in a more accurate and secure manner. For more information, please visit www.MazorRobotics.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and other securities laws. Any statements in this release about future expectations, plans or prospects for the Company, including without limitation, statements regarding the expectations for growth in system sales and recurring revenue, the Company's expected sales in 2016, and other statements containing the words "believes," "anticipates," "plans," "expects," "will" and similar expressions are forward-looking statements. These statements are only predictions based on Mazor's current expectations and projections about future events. There are important factors that could cause Mazor's actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied by the forward-looking statements. Those factors include, but are not limited to, the impact of general economic conditions, competitive products, product demand and market acceptance risks, reliance on key strategic alliances, fluctuations in operating results, and other factors indicated in Mazor's filings with the Securities and Exchange Commission (SEC) including those discussed under the heading "Risk Factors" in Mazor's annual report on Form 20-F filed with the SEC on April 29, 2015 and in subsequent filings with the SEC. For more details, refer to Mazor's SEC filings. Mazor undertakes no obligation to update forward-looking statements to reflect subsequent occurring events or circumstances, or to changes in our expectations, except as may be required by law.

U.S. Contacts: EVC Group

Michael Polyviou/Doug Sherk – Investors

mpolyviou@evcgroup.com; dsherk@evcgroup.com

212.850.6020; 646-445-4800

David Schemelia – Media

dave@evcgroup.com

646.201.5431

<https://investors.mazorrobotics.com/press-releases?item=101>