

Item 2.02 Results of Operations and Financial Condition.

On November 2, 2010, STAAR Surgical Company (the "Company") published a press release reporting its financial results for the quarter ended October 1, 2010, a copy of which is furnished as Exhibit 99.1 to this report and is incorporated herein by this reference.

Item 7.01 Regulation FD Disclosure.

Conference Call Regarding Financial Results. On November 2, 2010, the Company held a conference call to discuss the financial results for the quarter ended October 1, 2010. An archive of the webcast of the conference call has been posted on the Company's website at www.staar.com. A transcript of the conference call is furnished as Exhibit 99.2 to this report and is incorporated herein by this reference.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

STAAR Surgical Company

November 8, 2010

By: /s/ Barry Caldwell
Barry Caldwell
President and Chief Executive
Officer

Exhibit Index

Exhibit No. Description

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| 99.1 | Press release of the Company dated November 2, 2010. |
| 99.2 | Conference call of the Company held on November 2, 2010. |