UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 20-F/A

(Amendment No. 1)

(Mark One)

Registration statement pursuant to Section 12(b) or 12(g) of the Securities Exchange Act of 1934

or

X Annual report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 For the fiscal year ended December 31, 2012

or

Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 For the transition period from to

or

Shell company report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 Date of event requiring this shell company report

Commission file number 001-34563

Concord Medical Services Holdings Limited

(Exact Name of Registrant as Specified in Its Charter)

Cayman Islands (Jurisdiction of Incorporation or Organization)

18/F. Tower A. Global Trade Center 36 North Third Ring Road, Dongcheng District Beijing 100013 **People's Republic of China** (Address of Principal Executive Offices)

Mr. Adam Jigang Sun Telephone: (86 10) 5957-5266 Facsimile: (86 10) 5957-5252 18/F, Tower A, Global Trade Center 36 North Third Ring Road, Dongcheng District **Beijing 100013 People's Republic of China**

(Name, Telephone, E-mail and/or Facsimile Number and Address of Company Contact Person)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

Title of Each Class

Name of Each Exchange on Which Registered

Ordinary shares, par value US\$0.0001 per share*

New York Stock Exchange*

Not for trading, but only in connection with the listing of the American depositary shares ("ADSs") on the New York Stock Exchange. Each ADS represents three ordinary shares. The ADSs are registered under the Securities Act of 1933, as amended, pursuant to a registration statement on Form F-6. Accordingly, the ADSs are exempt from registration under Section 12(b) of the Securities Exchange Act of 1934, as amended, pursuant to Rule 12a-8 thereunder.

Securities registered or to be registered pursuant to Section 12(g) of the Act:

None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act:

None

Indicate the number of outstanding shares of each of the Issuer's classes of capital or common stock as of the close of the period covered by the annual report.

135,487,408 Ordinary Shares

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes 🗆 No 🗵

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934. Yes \Box No \boxtimes

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes \boxtimes No \square

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes 🗵 No 🗆

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer \Box Accelerated filer \Box Non-accelerated filer

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP I International Financial Reporting Standards as issued by the I International Accounting Standards Board Other I

If "Other" has been checked in response to the previous question, indicate by check mark which consolidated financial statement item the registrant has elected to follow.

Item 17 🗆 Item 18 🗆

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Securities Exchange Act of 1934). Yes 🗆 No 🗵

(APPLICABLE ONLY TO ISSUERS INVOLVED IN BANKRUPTCY PROCEEDINGS DURING THE PAST FIVE YEARS)

Indicate by check mark whether the registrant has filed all documents and reports required to be filed by Sections 12, 13 or 15(d) of the Securities Exchange Act of 1934 subsequent to the distribution of securities under a plan confirmed by a court. Yes \Box No \Box

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EXPLANATORY NOTE

We are filing this Amendment No. 1 to our annual report on Form 20-F for the fiscal year ended December 31, 2012, which was originally filed with the Securities and Exchange Commission on April 26, 2013, for the sole purpose of furnishing the Interactive Data File as Exhibit 101.

No other changes have been made to the annual report. This amendment does not reflect events that have occurred after the April 26, 2013 filing date of the annual report on Form 20-F, or modify or update the disclosures presented therein, except to reflect the amendment described above.

SIGNATURES

The registrant hereby certifies that it meets all of the requirements for filing its annual report on Form 20-F and that it has duly caused and authorized the undersigned to sign this Amendment No. 1 to its annual report on Form 20-F for the fiscal year ended December 31, 2012 on its behalf.

CONCORD MEDICAL SERVICES HOLDINGS LIMITED

By: /s/ Jianyu Yang

Name: Jianyu Yang Title: Chief Executive Officer

Date: May 8, 2013

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EXHIBIT INDEX

Exhibit
101.INS*Description
XBRL Instance Document.101.SCH*XBRL Taxonomy Extension Schema Document.101.CAL*XBRL Taxonomy Extension Calculation Linkbase Document.101.DEF*XBRL Taxonomy Extension Definition Linkbase Document.101.LAB*XBRL Taxonomy Extension Label Linkbase Document.

101.PRE* XBRL Taxonomy Extension Presentation Linkbase Document.

* XBRL (eXtensible Business Reporting Language) information is furnished and not filed or a part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, as amended, is deemed not filed for purposes of Section 18 of the Exchange Act of 1934, as amended, and otherwise is not subject to liability under these sections.

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