

Exhibit 2
to
Manufacturer Product Update Master Services Agreement

This Exhibit 2 ("Exhibit") is effective as of 27 September, 2012 ("Exhibit # 2 Effective Date") and is hereby incorporated into the Manufacturer Product Update Master Services Agreement, dated 30th day of January, 2012, by and between **Mallinckrodt LLC** ("Client") and **Walgreen Co.** ("Walgreens").

1. SERVICES:

Walgreens will create an MPU Alert for the following pharmaceutical product:

Manufacturer: Mallinckrodt LLC, a Covidien company

Product Brand Name: EXALGO® ("Product")

Generic Name: hydromorphone HCl

Communication: Notification that a new dosage strength of EXALGO® has been approved. Hydromorphone is used to relieve moderate to severe pain. It also may be used to decrease coughing.

Based on the information provided by Client, Walgreens will develop an MPU Alert for the Product. In addition, Walgreens shall post the MPU Alert on Walgreens' Intranet for a minimum of six months. At the time of posting, Walgreens will send a message to its pharmacies informing them of the MPU Alert in the weekly electronic pharmacy update bulletin distributed to Walgreens' pharmacies.

2. TOTAL FEE:

The total fee payable by Client to Walgreens to develop and publish an MPU Alert for the Product (including development and maintenance of the MPU Alert on Walgreens' Intranet) shall be \$25,000.00. This total fee is not dependent on any volume of the Product prescriptions dispensed. The parties agree that the total fee is a fair market value for the services being provided.

3. TIME LINE FOR DEVELOPMENT/IMPLEMENTATION:

- Walgreens shall submit a draft of the MPU Alert to Client for review prior to printing and distribution. Walgreens shall finalize the MPU Alert (including making any revisions requested by Client that Walgreens deems appropriate) and Client shall approve the pharmacy update on or about September 28, 2012.

- The MPU Alert shall be published in pharmacy updates distributed to Walgreens' retail pharmacies on or about October 1, 2012.

IN WITNESS WHEREOF, the parties hereto have caused this Exhibit to be executed by their duly authorized representatives as of Exhibit Effective Date.

WALGREEN CO.

By: Michael D Felish
Printed Name: Michael Felish
Title: Director, Tax Compliance & Tax Counsel



MALLINCKRODT LLC

By: John Harrell
Printed Name: John Harrell
Title: VP/Gen Spec. Bonds
Oct 1, 2012

