



NDA 204300/S-008

**SUPPLEMENT APPROVAL  
FULFILLMENT OF POSTMARKETING REQUIREMENTS**

Avadel Legacy Pharmaceuticals  
c/o The Weinberg Group  
1129 Twentieth St. NW, Suite 600  
Washington, DC 20036

Attention: Marla E. Scarola, MS  
Vice President, Regulatory Program Management

Dear Ms. Scarola:

Please refer to your supplemental new drug application (sNDA) dated and received December 5, 2017, and your amendments, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act (FDCA) for VAZCULEP (phenylephrine hydrochloride) injection.

Additionally, we refer to your amendment dated December 28, 2018, containing revised labeling to comply with the Pregnancy and Lactation Rule (PLLR).

This Prior Approval sNDA proposed to incorporate the results of postmarketing requirement studies 2168-2, 2168-3, 2168-4, and 2168-5 into **Section 8 USE IN SPECIFIC POPULATIONS** and **Section 13 NONCLINICAL TOXICOLOGY** of the labeling.

**APPROVAL & LABELING**

We have completed our review of this application, as amended. It is approved, effective on the date of this letter, for use as recommended in the enclosed agreed-upon labeling.

**WAIVER OF ½ PAGE LENGTH REQUIREMENT FOR HIGHLIGHTS**

Please note that we have previously granted a waiver of the requirements of 21 CFR 201.57(d)(8) regarding the length of Highlights of Prescribing Information.

**CONTENT OF LABELING**

As soon as possible, but no later than 14 days from the date of this letter, submit the content of labeling [21 CFR 314.50(l)] in structured product labeling (SPL) format using the FDA automated drug registration and listing system (eLIST), as described at FDA.gov.<sup>1</sup> Content of labeling must be identical to the enclosed labeling (text for the Prescribing Information), with the addition of any labeling changes in pending “Changes Being Effectuated” (CBE) supplements, as well as annual reportable changes not included in the enclosed labeling.

Information on submitting SPL files using eList may be found in the guidance for industry *SPL Standard for Content of Labeling Technical Qs and As*.<sup>2</sup>

The SPL will be accessible from publicly available labeling repositories.

Also within 14 days, amend all pending supplemental applications that include labeling changes for this NDA, including CBE supplements for which FDA has not yet issued an action letter, with the content of labeling [21 CFR 314.50(l)(1)(i)] in Microsoft Word format, that includes the changes approved in this supplemental application, as well as annual reportable changes. To facilitate review of your submission(s), provide a highlighted or marked-up copy that shows all changes, as well as a clean Microsoft Word version. The marked-up copy should provide appropriate annotations, including supplement number(s) and annual report date(s).

**FULFILLMENT OF POSTMARKETING REQUIREMENTS**

We refer to your submissions dated May 30, August 31, and October 2, 2017, and May 31 and September 28, 2018, containing the final reports for the following postmarketing requirements listed in the June 27, 2014, approval letter:

- |        |  |
|--------|--|
| 2168-2 | Conduct a fertility and early embryonic development toxicology study in the rat model for phenylephrine hydrochloride. |
| 2168-3 | Conduct an embryo-fetal developmental toxicology study using the rat model for phenylephrine hydrochloride.            |
| 2168-4 | Conduct an embryo-fetal developmental toxicology study using the rabbit model for phenylephrine hydrochloride.         |
| 2168-5 | Conduct a peri- and post-natal developmental toxicology study in the rat model for phenylephrine hydrochloride.        |

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<sup>1</sup> <http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm>

<sup>2</sup> We update guidances periodically. For the most recent version of a guidance, check the FDA Guidance Documents Database <https://www.fda.gov/RegulatoryInformation/Guidances/default.htm>.

We have reviewed your submissions and conclude that the above requirements were fulfilled.

We remind you that there are postmarketing commitments, and a postmarketing requirement listed in the June 27, 2014, approval letter that are still open.

## **PROMOTIONAL MATERIALS**

You may request advisory comments on proposed introductory advertising and promotional labeling. To do so, submit the following, in triplicate, (1) a cover letter requesting advisory comments, (2) the proposed materials in draft or mock-up form with annotated references, and (3) the Prescribing Information to:

OPDP Regulatory Project Manager  
Food and Drug Administration  
Center for Drug Evaluation and Research  
Office of Prescription Drug Promotion (OPDP)  
5901-B Ammendale Road  
Beltsville, MD 20705-1266

Alternatively, you may submit a request for advisory comments electronically in eCTD format. For more information about submitting promotional materials in eCTD format, see the draft guidance for industry *Providing Regulatory Submissions in Electronic and Non-Electronic Format-Promotional Labeling and Advertising Materials for Human Prescription Drugs*.<sup>3</sup>

You must submit final promotional materials and Prescribing Information, accompanied by a Form FDA 2253, at the time of initial dissemination or publication [21 CFR 314.81(b)(3)(i)]. Form FDA 2253 is available at FDA.gov.<sup>4</sup> Information and Instructions for completing the form can be found at FDA.gov.<sup>5</sup> For more information about submission of promotional materials to the Office of Prescription Drug Promotion (OPDP), see FDA.gov.<sup>6</sup>

## **REPORTING REQUIREMENTS**

We remind you that you must comply with reporting requirements for an approved NDA (21 CFR 314.80 and 314.81).

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<sup>3</sup> When final, this guidance will represent the FDA's current thinking on this topic. For the most recent version of a guidance, check the FDA guidance web page at

<https://www.fda.gov/RegulatoryInformation/Guidances/default.htm>.

<sup>4</sup> <http://www.fda.gov/downloads/AboutFDA/ReportsManualsForms/Forms/UCM083570.pdf>

<sup>5</sup> <http://www.fda.gov/downloads/AboutFDA/ReportsManualsForms/Forms/UCM375154.pdf>

<sup>6</sup> <http://www.fda.gov/AboutFDA/CentersOffices/CDER/ucm090142.htm>

If you have any questions, call Taiye Adedeji, PharmD, Regulatory Project Manager, at (240) 402-8561.

Sincerely,

*{See appended electronic signature page}*

Rigoberto Roca, MD  
Deputy Director  
Division of Anesthesia, Analgesia, and  
Addiction Products  
Office of Drug Evaluation II  
Center for Drug Evaluation and Research

ENCLOSURES:

- Content of Labeling
  - Prescribing Information

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**This is a representation of an electronic record that was signed electronically. Following this are manifestations of any and all electronic signatures for this electronic record.**  
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/s/  
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RIGOBERTO A ROCA  
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