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# Limited Population Pathway for Antibacterial and Antifungal Drugs Guidance for Industry

## *DRAFT GUIDANCE*

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For questions regarding this draft document, contact (CDER) Sarah Walinsky at 240-402-4075 or (CBER) the Office of Communication, Outreach, and Development at 800-835-4709 or 240-402-8010.

**U.S. Department of Health and Human Services  
Food and Drug Administration  
Center for Drug Evaluation and Research (CDER)  
Center for Biologics Evaluation and Research (CBER)**

**June 2018  
Procedural**

# Limited Population Pathway for Antibacterial and Antifungal Drugs Guidance for Industry

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*Contains Nonbinding Recommendations*

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**Limited Population Pathway  
for Antibacterial and Antifungal Drugs  
Guidance for Industry<sup>1</sup>**

This draft guidance, when finalized, will represent the current thinking of the Food and Drug Administration (FDA or Agency) on this topic. It does not establish any rights for any person and is not binding on FDA or the public. You can use an alternative approach if it satisfies the requirements of the applicable statutes and regulations. To discuss an alternative approach, contact the FDA staff responsible for this guidance as listed on the title page.

**I. INTRODUCTION**

This guidance provides information on the implementation of section 506(h) of the Federal Food, Drug, and Cosmetic Act (FD&C Act), added by section 3042 of the 21<sup>st</sup> Century Cures Act,<sup>2</sup> which established the limited population pathway for antibacterial and antifungal drugs (LPAD pathway).<sup>3</sup>

Section 506(h)(5) of the FD&C Act requires FDA to issue guidance “describing criteria, processes, and other general considerations for demonstrating the safety and effectiveness of limited population antibacterial and antifungal drugs.” This guidance provides this information and is intended to assist sponsors in the development of certain new antibacterial and antifungal drugs for approval under the LPAD pathway. This guidance also is intended to assist sponsors<sup>4</sup> in developing labeling, including prescribing information, patient labeling, and carton/container labeling, that incorporates certain statements required by section 506(h).

In general, FDA’s guidance documents do not establish legally enforceable responsibilities. Instead, guidances describe the Agency’s current thinking on a topic and should be viewed only as recommendations, unless specific regulatory or statutory requirements are cited. The use of

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<sup>1</sup> This guidance has been prepared by the Office of Antimicrobial Products in the Center for Drug Evaluation and Research (CDER) and the Center for Biologics Evaluation and Research (CBER) at the Food and Drug Administration.

<sup>2</sup> Public Law 114-255, 130 Stat. 1033 (2016) (21 U.S.C. 356).

<sup>3</sup> For the purposes of this guidance, all references to *drugs*, *drug products*, or *products* include both human drugs and biological products regulated by CDER and CBER unless otherwise specified.

<sup>4</sup> For purposes of this guidance, the term *sponsor* includes any sponsor of an IND or applicant for a new drug application or biologics license application under section 505 of the FD&C Act or section 351 of the Public Health Service Act.

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35 the word *should* in Agency guidances means that something is suggested or recommended, but  
36 not required.

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38

### **II. BACKGROUND**

40

41 The decline in antibacterial drug research and development as serious antibacterial drug resistant  
42 infections increase is a critical public health and patient care concern. As described in the  
43 guidance for industry *Antibacterial Therapies for Patients With an Unmet Medical Need for the*  
44 *Treatment of Serious Bacterial Diseases* (Unmet Medical Need guidance),<sup>5</sup> there are a number of  
45 challenges associated with conducting clinical trials to evaluate antibacterial drugs for the  
46 treatment of patients with serious bacterial diseases.<sup>6</sup> Similar challenges are also associated with  
47 the development of new antifungal drugs for the treatment of serious fungal diseases.

48

49 Title VIII of the Food and Drug Administration Safety and Innovation Act (FDASIA), titled  
50 *Generating Antibiotic Incentives Now* (GAIN), added section 505E to the FD&C Act (21 U.S.C.  
51 355f), offering incentives for the development of antibacterial and antifungal drug products that  
52 treat serious or life-threatening infections. Even with these incentives, challenges remain. FDA  
53 is committed to using the tools at its disposal, including the LPAD pathway, to help encourage  
54 the development of safe and effective drug products that address unmet needs of patients with  
55 serious bacterial and fungal infections.

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57

### **III. LPAD PATHWAY DEFINED**

59

60 Section 506(h) of the FD&C Act provides that FDA may approve an antibacterial or antifungal  
61 drug, alone or in combination with one or more other drugs, under the LPAD pathway, if:

62

- 63 • The drug is intended to *treat a serious or life-threatening infection* in a *limited population*  
64 of patients with *unmet needs*;
- 65 • The standards for approval under section 505(c) and (d) of the FD&C Act (21 U.S.C.  
66 355) or the standards for licensure under section 351 of the Public Health Service Act  
67 (PHS Act) (42 U.S.C. 262), as applicable, are met; and
- 68 • FDA receives a written request from the sponsor to approve the drug as a limited  
69 population drug (see section VI.B., Written Request for Approval Under the LPAD  
70 Pathway).
- 71
- 72
- 73

74

75 See section 506(h)(1) of the FD&C Act. As discussed in greater detail in section V.,  
Considerations for Approval of Drugs Under the LPAD Pathway, development programs for

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<sup>5</sup> We update guidances periodically. To make sure you have the most recent version of a guidance, check the FDA guidance web page at <https://www.fda.gov/RegulatoryInformation/Guidances/default.htm>.

<sup>6</sup> For purposes of this guidance, FDA considers infections to be types of diseases or conditions. The terms condition, disease, and infection are used interchangeably.

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76 drugs eligible for approval under the LPAD pathway may follow the streamlined approaches  
77 described in the Unmet Medical Need guidance. A streamlined clinical development program  
78 for a limited population may involve smaller, shorter, or fewer clinical trials.

79

80 Section 506(h)(3) also imposes specific labeling requirements and a requirement for  
81 presubmission of promotional materials for drugs approved under the LPAD pathway.

82

### **A. The Drug Is Intended to Treat a Serious or Life-Threatening Infection in a Limited Population of Patients With Unmet Needs**

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#### *1. Treat a Serious or Life-Threatening Infection*

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#### *2. Limited Population*

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To be eligible for approval via the LPAD pathway under section 506(h)(1) of the FD&C Act, a drug must be intended for use in a limited population of patients. FDA interprets *limited population of patients* in this provision to mean a group of patients that is limited in such a way that is clinically relevant to health care providers. The labeling should define the limited population that the drug is intended to treat so that a health care provider would be able to identify the patients in the clinical setting, for whom FDA determined the benefits of the drug outweigh its risks. A limited population may be a defined subset of a broader population of patients for whom the drug could potentially be effective or, in some cases, may be the only population of patients for whom the drug may be effective because of its narrow spectrum of activity.<sup>7</sup>

As noted above, FDA may consider certain products that prevent a serious and life-threatening infection to be eligible for approval under the LPAD pathway. For preventative products, FDA intends to evaluate the population of patients for which the drug is intended, not the expected incidence of the infection that the drug is intended to prevent, in determining whether the population is limited in a clinically relevant way, as described above. FDA would not consider a

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<sup>7</sup> See section V., Considerations for Approval of Drugs Under the LPAD, for illustrative examples.

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121 population to be limited in a way that is clinically relevant simply because a serious infectious  
122 disease that a drug is intended to prevent may occur infrequently or even rarely.

123

### 124 3. *Unmet Need*

125

126 To be eligible for approval via the LPAD pathway under section 506(h)(1) of the FD&C Act, a  
127 drug must be intended for use by patients with unmet needs. FDA interprets the term *unmet need*  
128 in this provision to have the same meaning as *unmet medical need* in the Expedited Programs  
129 guidance.

130

131 The Unmet Medical Need guidance further explains the Agency's current thinking about unmet  
132 needs in patients who have serious bacterial diseases. The concepts described in the Unmet  
133 Medical Need guidance also apply to antifungal therapies for patients with an unmet need for  
134 serious fungal infections.

135

### 136 **B. The Standards for Approval Are Met**

137

138 A sponsor must provide in its application substantial evidence of effectiveness for the drug's  
139 intended use and sufficient information to conclude that the drug is safe for use under the  
140 conditions prescribed, recommended, or suggested in the proposed labeling.<sup>8</sup>

141

142 The rules of construction set forth in section 506(h)(8) of the FD&C Act reiterate that the LPAD  
143 pathway provision does not alter FDA approval standards under the FD&C Act or the PHS Act,  
144 including the standards of evidence and applicable conditions for approval under these Acts.

145 The provision also does not alter the authority of FDA to monitor drugs pursuant to these Acts.

146

147

## 148 **IV. RELATIONSHIP TO OTHER PROGRAMS**

149

150 Sponsors seeking approval of a drug under the LPAD pathway are not precluded from seeking  
151 designation or approval under any other applicable provision in the FD&C Act or PHS Act for  
152 which the drug otherwise qualifies (e.g., fast track designation, breakthrough therapy  
153 designation, regenerative medicine advanced therapy designation, accelerated approval, priority  
154 review designation).<sup>9</sup> A sponsor who seeks approval of a drug under the LPAD pathway may

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<sup>8</sup> See sections 505(d)(1) and (5) of the FD&C Act. For a biological product to be licensed under section 351 of the PHS Act, a sponsor must demonstrate that its product is safe, pure, and potent. Potency has long been interpreted to include effectiveness (21 CFR 600.3(s)).

<sup>9</sup> Section 506(h)(4) of the FD&C Act. Sponsors should consult the Expedited Programs guidance for generally applicable information about, the criteria for, and the benefits of FDA's expedited programs. See also the draft guidance for industry *Expedited Programs for Regenerative Medicine Therapies for Serious Conditions* for information about the regenerative medicine advanced therapy designation program and the application of other expedited programs to regenerative medicine therapies. 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>.

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155 also seek designation, as applicable, for other programs, including qualified infectious disease  
156 product designation under the GAIN provisions<sup>10</sup> or orphan drug designation.<sup>11</sup>

157

158

### 159 **V. CONSIDERATIONS FOR APPROVAL OF DRUGS UNDER THE LPAD** 160 **PATHWAY**

161

162 As discussed above, for a sponsor to obtain approval of a drug under the LPAD pathway, the  
163 drug must meet the statutory standards for approval under section 505 of the FD&C Act or  
164 section 351 of PHS Act, as applicable. The LPAD pathway requires FDA to take into account in  
165 its determination of safety and effectiveness the severity, rarity, or prevalence of the infection a  
166 drug is intended to treat and the lack of alternative treatment in the limited population a drug is  
167 intended for (see section 506(h)(2)). FDA may approve such drug although not enough data  
168 exists to conclude that there is a favorable benefit-risk profile in a broader population. As  
169 discussed in the Unmet Medical Need guidance, drugs with risks that would be unacceptable for  
170 a broad population may be acceptable for patient populations with serious diseases that do not  
171 have other treatment options. Acceptance of greater uncertainty or higher risk in patients with  
172 serious diseases and with an unmet need is an appropriate approach to the benefit-risk  
173 assessment.<sup>12</sup> Compliance with the labeling and promotional material requirements in section  
174 506(h)(3) can help the health care community understand that the drug was approved under a  
175 pathway in which benefits and risks are assessed in this manner.

176

177 The LPAD pathway should not be used to manage known or potential serious risks associated  
178 with a drug that may be addressed using other authorities under the FD&C Act or the PHS Act, if  
179 applicable.<sup>13</sup> The LPAD pathway should also not be used to salvage a trial that fails to  
180 demonstrate its objective or an inadequately designed development program. The Agency does  
181 not consider the LPAD pathway to be appropriate for products that could instead meet the  
182 criteria for non-LPAD pathway approval.

183

184 When reviewing an application submitted under the LPAD pathway, FDA will take into account  
185 the severity, rarity, or prevalence of the infection that the drug is intended to treat and the  
186 availability or lack of alternative treatment for the limited population.<sup>14</sup> Required labeling  
187 statements help ensure that the health care provider understands the limited population of

---

<sup>10</sup> Section 505E of the FD&C Act (21 U.S.C. 355f).

<sup>11</sup> Section 526 of the FD&C Act (21 U.S.C. 360bb).

<sup>12</sup> See 21 CFR 312.80, subpart E, Drugs Intended to Treat Life-Threatening and Severely-Debilitating Illnesses. See also the Unmet Medical Need guidance.

<sup>13</sup> For example, see section 505-1 of the FD&C Act (21 U.S.C. 355-1).

<sup>14</sup> Section 506(h)(2) of the FD&C Act. As discussed above, if a preventive drug's intended population is broad, FDA may not consider the drug to be intended to treat a limited population of patients, even if the infection occurs rarely.



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188 patients for whom the drug is intended and the limitations surrounding an LPAD pathway  
189 approval (see section VII., Conditions for Approval Under the LPAS Pathway).<sup>15</sup>

190  
191 As discussed in section III., LPAD Pathway Defined, development programs for drugs eligible  
192 for approval under the LPAD pathway may follow the streamlined approaches described in the  
193 Unmet Medical Need guidance, such as the following:

- 194  
195 • Clinical trials using noninferiority designs, including a single noninferiority trial at a  
196 body site of infection or trial designs with wider noninferiority margins than used in  
197 traditional development programs  
198  
199 • Nested noninferiority/superiority clinical trials

200  
201 A streamlined clinical development program for a limited population may involve smaller,  
202 shorter, or fewer clinical trials. In such circumstances, robust nonclinical evaluations (including  
203 animal models of infection) and pharmacokinetic/pharmacodynamic (exposure-response) data  
204 may provide important supportive information to help assess the benefits and risks of the drug in  
205 the intended limited population.

206  
207 Some examples of drugs for which approval under the LPAD pathway could be appropriate,  
208 assuming the statutory criteria are met, include the following:

- 209  
210 • An antibacterial drug with a narrow spectrum of activity (e.g., active against only a single  
211 species (or a few species) within a genus), and the target pathogen or pathogens occur  
212 infrequently at any body site of infection.<sup>16</sup>  
213  
214 • An antibacterial or antifungal drug that, based on available therapy, would only have a  
215 role in the therapeutic armamentarium for a select patient population with no other  
216 options.

217  
218 The Unmet Medical Need guidance further explains FDA’s current thinking about possible  
219 streamlined development programs and clinical trial designs for antibacterial drugs to treat  
220 serious bacterial diseases with unmet medical needs, including when patients have a serious  
221 bacterial disease for which effective antibacterial drugs are limited or lacking. The concepts  
222 described in the Unmet Medical Need guidance are applicable to drugs that are eligible for the  
223 LPAD pathway. Sponsors should consult the Unmet Medical Need guidance for further  
224 information about these potential development programs.

225  
226

---

<sup>15</sup> Section 506(h)(3)(A) of the FD&C Act.

<sup>16</sup> See the Antimicrobial Drugs Advisory Committee meeting materials for April 13, 2017, available at <https://www.fda.gov/AdvisoryCommittees/CommitteesMeetingMaterials/Drugs/Anti-InfectiveDrugsAdvisoryCommittee/ucm551361.htm>.

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### 227 **VI. PROCESS FOR THE LPAD PATHWAY**

228

#### 229 **A. Advice**

230

231 FDA anticipates that early and frequent communications between the Agency and sponsors  
232 interested in pursuing approval under the LPAD pathway for their products can help reduce  
233 overall product development timelines. Pursuant to the requirement to provide prompt advice to  
234 sponsors of drugs seeking approval under the LPAD pathway,<sup>17</sup> FDA encourages these sponsors  
235 to communicate with the Agency early in development regarding the planned development  
236 program.<sup>18</sup> Sponsors interested in the LPAD pathway should clearly state their intentions during  
237 discussions with FDA.

238

239 Depending on the proposed development program and available clinical data, FDA may be able  
240 to provide a sponsor advice on potential eligibility for the LPAD pathway early in clinical  
241 development. However, results of the clinical trials intended to support approval of the  
242 application may change the Agency's conclusions about the benefits and risks of a drug and its  
243 eligibility for approval under the LPAD pathway. Furthermore, the approval of other drugs or  
244 other changes to available therapy may affect the Agency's determination of whether a drug  
245 addresses an unmet need. Accordingly, although FDA may provide advice on potential  
246 eligibility, FDA intends to make the determination of whether a drug meets the criteria for the  
247 LPAD pathway at the time of the drug's approval.

248

249 If a sponsor intends to request that a drug be approved under the LPAD pathway, FDA  
250 recommends that the sponsor include this request as a topic of discussion at the presubmission  
251 (pre-new drug application (pre-NDA) or pre-biologics license application (pre-BLA)) meeting.  
252 Following such discussion, if a sponsor seeks approval under the LPAD pathway, such a request  
253 must be made in writing with the NDA or BLA submission, as specified below.<sup>19</sup>

254

#### 255 **B. Written Request for Approval Under the LPAD Pathway**

256

257 Section 506(h)(1)(C) of the FD&C Act requires a sponsor to submit a written request for FDA to  
258 approve a drug under the LPAD pathway. The sponsor ordinarily should submit the written  
259 request with the original NDA, BLA, or efficacy supplement, but FDA could accept the request  
260 at any time during the review of the application.

261

262 Written requests for approval under the LPAD pathway should contain the following  
263 information:

264

- 265 • Identification of the submission in the cover letter as "REQUEST FOR LPAD  
266 APPROVAL"

267

---

<sup>17</sup> Section 506(h)(6) of the FD&C Act.

<sup>18</sup> See the Unmet Medical Need guidance.

<sup>19</sup> Section 506(h)(1)(C) of the FD&C Act.

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- 268 • The specific serious or life-threatening infection that the drug is intended to treat
- 269
- 270 • The limited population of patients with unmet needs for whom the drug is intended
- 271
- 272 • A concise summary of how the conditions of approval under the LPAD pathway (see
- 273 section VII., Conditions of Approval Under the LPAD Pathway) affect the benefit-risk
- 274 assessment of the drug
- 275
- 276

## **VII. CONDITIONS OF APPROVAL UNDER THE LPAD PATHWAY**

### **A. Labeling**

281 Drugs approved under the LPAD pathway are required under section 506(h)(3)(A) of the FD&C  
282 Act to include certain labeling statements to convey to the health care community<sup>20</sup> that the drug  
283 has been shown to be safe and effective only for use in a limited population. To make fully  
284 informed decisions, the health care community should understand that approval of a drug under  
285 the LPAD pathway was based on a benefit-risk assessment that more flexibly took into account  
286 the severity, rarity, or prevalence of the infection the drug is intended to treat and the lack of  
287 alternatives available for the patient population.

288  
289 Section 506(h)(3)(A)(i) of the FD&C Act requires all labeling and advertising of a drug  
290 approved under the LPAD pathway to contain the statement “Limited Population” in a prominent  
291 manner and adjacent to, and not more prominent than, the proprietary name of such drug, if any,  
292 or if there is no proprietary name, the established name as defined in section 503(e)(3) of the  
293 FD&C Act (21 U.S.C. 353), or, in the case of a biologic product, the proper name. In most  
294 cases, to fulfill the prominence requirement, the font size, typeface, case, and bolding should  
295 match that of the adjacent proprietary name or nonproprietary name.

296  
297 Section 506(h)(3)(A)(ii) of the FD&C Act requires the prescribing information of drugs  
298 approved under the LPAD pathway to include the statement “This drug is indicated for use in a  
299 limited and specific population of patients.”

300  
301 Below are further recommendations about the “Limited Population” statement and the  
302 requirements for specific types of labeling.

#### ***1. Carton Labeling and Immediate Container Label***

303  
304  
305  
306 The statement “Limited Population” should be included on the principal display panel of the  
307 product carton(s) and, if space permits,<sup>21</sup> immediate containers, adjacent to the proprietary name  
308 or nonproprietary name in a manner that is consistent with the requirements outlined above. In  
309 cases where the product is available as a dosage form with only a container label (no carton  
310 labeling) the “Limited Population” statement should be included on the principal display panel of

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<sup>20</sup> The term *health care community* here includes health care providers, patients, and their families or caregivers.

<sup>21</sup> See 21 CFR 210.10(i) for additional information about packaging that is too small for the additional statements.

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311 the container label, adjacent to the proprietary name or nonproprietary name. To provide clarity,  
312 FDA recommends including an asterisk next to the “Limited Population” statement with a  
313 footnote at the bottom of the principal display panel stating “See the full prescribing information  
314 for [drug name] for information about the limited population.”

315

316 2. *Prescribing Information*

317

318 a. Highlights of Prescribing Information

319

320 On the line immediately beneath the statement “Initial U.S. Approval,” the statement  
321 “**LIMITED POPULATION**” should appear in uppercase letters and bold print.

322

323 Under the INDICATIONS AND USAGE section heading in Highlights, the statement “Limited  
324 Population” should be included in the same font size, typeface, and case as the proprietary name  
325 (or nonproprietary name if there is no proprietary name) before each indication that received  
326 LPAD pathway approval.

327

328 Drugs approved under the LPAD pathway must include the following statement in the  
329 prescribing information: “This drug is indicated for use in a limited and specific population of  
330 patients.”<sup>22</sup> In Highlights, FDA recommends that this statement be included at the end of each  
331 indication approved under the LPAD pathway. If all indications for a drug were approved under  
332 the LPAD pathway, the statement “This drug is indicated for use in a limited and specific  
333 population of patients” can be a standalone bullet point preceding the indications instead of being  
334 included in each indication. The Highlights indications statement for drugs approved under the  
335 LPAD pathway should also reflect the patient population for which the drug is approved (e.g.,  
336 the patient population with a serious infection caused by a bacterial pathogen for which the  
337 patient has limited therapeutic options) as discussed in the Unmet Medical Need guidance. For  
338 example:

339

- 340 • **LIMITED POPULATION:** MYDRUG is a (established pharmacologic class) indicated,  
341 in adults who have limited or no alternative treatment options, for the treatment of  
342 Disease-Y caused by designated susceptible microorganisms. As only limited clinical  
343 safety and effectiveness data for MYDRUG are currently available, reserve MYDRUG  
344 for use in adults who have limited or no alternative treatment options. This drug is  
345 indicated for use in a limited and specific population of patients. (1.x)

346

347 b. Full prescribing information

348

349 In the INDICATIONS AND USAGE section, the statement “Limited Population” should be  
350 included in the same font size, typeface, and case as the proprietary name (or nonproprietary  
351 name if there is no proprietary name) before each indication approved under the LPAD pathway.

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<sup>22</sup> Section 506(h)(3)(A)(ii) of the FD&C Act.

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353 Drugs approved under the LPAD pathway must include the following statement: “This drug is  
354 indicated for use in a limited and specific population of patients.”<sup>23</sup> In the full prescribing  
355 information, FDA recommends that this information be included in the INDICATIONS AND  
356 USAGE section at the end of each indication approved under the LPAD pathway. For drugs  
357 approved under the LPAD pathway, the INDICATIONS AND USAGE section should also  
358 reflect the population of patients for whom the drug is approved (e.g., the population of patients  
359 who have a serious infection caused by a bacterial pathogen for which the patient has limited  
360 therapeutic options) and summarize the limitations of the available data that supported the  
361 approval, as discussed in the Unmet Medical Need guidance. For example:

362

- 363 • **LIMITED POPULATION:** MYDRUG is indicated in adults, who have limited or no  
364 alternative treatment options, for the treatment of Disease-Y caused by the following  
365 susceptible gram-negative microorganisms: [*Genus species #1, Genus species #2, etc.*].  
366 As only limited clinical safety and effectiveness data for MYDRUG are currently  
367 available, reserve MYDRUG for use in adults who have limited or no alternative  
368 treatment options. Approval of this indication is based on [*summarize the limitations of*  
369 *available data that supported the approval*]. This drug is indicated for use in a limited  
370 and specific population of patients.

371

### 372 3. *Patient Labeling*

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374 If patient labeling is appropriate for the drug, “Limited Population” should be included after the  
375 pronunciation/phonetic spelling of the proprietary name in the product title (or nonproprietary  
376 name if the product does not have a proprietary name) of the patient package insert, Instructions  
377 for Use, and/or Medication Guide. The font size, typeface, case, and bolding of “Limited  
378 Population” should match that of the adjacent proprietary name (or nonproprietary name if there  
379 is no proprietary name).

380

381 For example: MYDRUG (maj dræg) LIMITED POPULATION.

382

383 If patient labeling is appropriate for the drug, FDA suggests including the following statement:

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385 This product was approved by FDA using the Limited Population pathway. This means  
386 FDA has approved this drug for a limited and specific patient population, and studies on  
387 the drug may have only answered focused questions about its safety and effectiveness.

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### 389 **B. Promotional Material**

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391 Under section 506(h)(3)(B) of the FD&C Act, a sponsor of a drug approved under the LPAD  
392 pathway must submit copies of all promotional materials related to the product at least 30  
393 calendar days before dissemination of materials. The Agency intends to review these materials  
394 to ensure they adequately display the statements required to be included in labeling for drugs  
395 approved under this pathway and that the labeling otherwise accurately conveys the limited  
396 population for which the drug is indicated and for the drug’s benefits and risks.

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<sup>23</sup> Section 506(h)(3)(A)(ii) of the FD&C Act.

## ***Contains Nonbinding Recommendations***

*Draft — Not for Implementation*

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### **C. Termination of Limitations**

Under section 506(h)(7) of the FD&C Act, FDA may terminate the limitations associated with an LPAD pathway approval for an individual product upon approval of a subsequent supplement, when FDA has determined that clinical data demonstrate that the product is safe and effective for a broader indication. The additional clinical data should enable FDA to conclude that the labeling and other conditions of the LPAD pathway approval are no longer necessary for the drug product.<sup>24</sup> When determining whether limitations should be terminated for a drug approved under the LPAD pathway, FDA intends to consider any differences regarding the indicated patient populations, conditions of use, and dosage, duration, and strength between the proposed indication and the indication approved under the LPAD pathway.

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<sup>24</sup> Section 506(h)(7) of the FD&C Act.