Guidance for Industry

Postmarketing Adverse Event Reporting for Medical Products and Dietary Supplements During a Pandemic

U.S. Department of Health and Human Services
Food and Drug Administration
Office of Counterterrorism and Emerging Threats (OCET)
Center for Drug Evaluation and Research (CDER)
Center for Biologics Evaluation and Research (CBER)
Center for Devices and Radiological Health (CDRH)
Center for Food Safety and Applied Nutrition (CFSAN)

March 2020
Safety

OMB Control No. 0910-0701
Expiration Date 05/31/2021
See additional PRA statement in section IV of this guidance.
Guidance for Industry

Postmarketing Adverse Event Reporting for Medical Products and Dietary Supplements During a Pandemic

Additional copies are available from:

Office of Counterterrorism and Emerging Threats (HF-29)
Office of the Commissioner
(Tel) 301-796-8510
and/or
Office of Communication, Division of Drug Information
Center for Drug Evaluation and Research
(Tel) 301-796-3400; (Fax) 301-847-8714
and/or
Office of Communication, Outreach and Development (HFM-40)
Center for Biologics Evaluation and Research
(Tel) 800-835-4709 or 301-827-1800
and/or
Office of Policy
Guidance and Policy Development
Center for Devices and Radiological Health
Food and Drug Administration
10903 New Hampshire Ave., Bldg. 66, Room 5431
Silver Spring, MD 20993-0002
Email: CDRH-Guidance@fda.hhs.gov
https://www.fda.gov/MedicalDevices/DeviceRegulationandGuidance/GuidanceDocuments/default.htm
and/or
Office of Food Defense, Communication and Emergency Response (HFS-005)
Center for Food Safety and Applied Nutrition
(Tel) 240-276-9300
http://www.fda.gov/Food/GuidanceComplianceRegulatoryInformation/GuidanceDocuments/default.htm

U.S. Department of Health and Human Services
Food and Drug Administration
Office of Counterterrorism and Emerging Threats (OCET)
Center for Drug Evaluation and Research (CDER)
Center for Biologics Evaluation and Research (CBER)
Center for Devices and Radiological Health (CDRH)
Center for Food Safety and Applied Nutrition (CFSAN)

March 2020
Safety
TABLE OF CONTENTS

I. INTRODUCTION................................................................................................................................. 1

II. BACKGROUND .................................................................................................................................. 2

III. PREPAREDNESS FOR ADVERSE EVENT REPORTING DURING A PANDEMIC ................. 2
   A. Information on Pandemic Preparedness.......................................................................................... 2
   B. Development of a Continuity of Operations Plan in the Case of a Pandemic ......................... 3
   C. FDA Expectations for Adverse Event Reporting During a Pandemic...................................... 3
   D. Reporting After the Pandemic ....................................................................................................... 5

IV. PAPERWORK REDUCTION ACT OF 1995 .................................................................................. 5

Table 1. FDA Approach to Postmarketing Safety Reporting During a Pandemic if Normal Processes of Mandatory Adverse Event Reporting Are Not Feasible Because of High Employee Absenteeism..7

APPENDIX: CURRENT REQUIREMENTS FOR POSTMARKETING SAFETY REPORTS ....... 9
Guidance for Industry

Postmarketing Adverse Event Reporting for Medical Products and Dietary Supplements During a Pandemic

This guidance represents the Food and Drug Administration’s (FDA’s) current thinking on this topic. It does not create or confer any rights for or on any person and does not operate to bind FDA or the public. You can use an alternative approach if the approach satisfies the requirements of the applicable statutes and regulations. If you want to discuss an alternative approach, contact the FDA staff responsible for implementing this guidance. If you cannot identify the appropriate FDA staff, call the appropriate number listed on the title page of this guidance.

I. INTRODUCTION

This guidance provides recommendations to industry regarding postmarketing adverse event reporting for drugs, biologics, medical devices, combination products, and dietary supplements during a pandemic. FDA anticipates that during a pandemic, industry and FDA workforces may be reduced because of high employee absenteeism while reporting of adverse events related to widespread use of medical products indicated for the treatment or prevention of the pathogen causing the pandemic may increase. The extent of these possible changes is unknown. This guidance discusses FDA’s intended approach to enforcement of adverse event reporting requirements for medical products and dietary supplements during a pandemic. FDA believes this approach will make it possible for firms with reporting responsibilities to focus their limited resources on the following types of reports:

- reports related to medical products indicated for the treatment or prevention of the pathogen causing the pandemic

---

1 This guidance has been prepared by the Office of Surveillance and Epidemiology in the Center for Drug Evaluation and Research (CDER) in cooperation with the Office of Counterterrorism and Emerging Threats (OCET) in the Office of the Commissioner and the Centers for Biologies Evaluation and Research (CBER), Devices and Radiological Health (CDRH), and Food Safety and Applied Nutrition (CFSAN) at the Food and Drug Administration.

2 For requirements related to combination products refer to 21 CFR part 4 (see 78 FR 4307). These are described in the guidance Postmarketing Safety Reporting for Combination Products, accessible at https://www.fda.gov/media/111788/download. In addition to application type-based reporting requirements (see 21 CFR 4.102(b)), Combination Product Applicants are also subject to certain safety reporting requirements associated with the constituent parts of the combination product (see 21 CFR 4.102(c)). FDA recommended reporting during a pandemic with high employee absenteeism for application-type based reporting requirements and those associated with the constituent parts of a combination product are as described in Table 1.

3 For purposes of this guidance, the term adverse event includes adverse experience and adverse reaction. The appendix lists in abbreviated form the current adverse event reporting requirements for drugs, biologics, medical devices, and dietary supplements. Refer to the relevant statutes, regulations, and guidance documents for complete information.
Contains Nonbinding Recommendations

- other reports indicated in this guidance
- reports on products presenting special concerns as specified by FDA

This guidance is not intended to discourage adverse event reporting during a pandemic by firms that are able to continue reporting operations. In addition, this guidance does not address monitoring and reporting of adverse events that might be imposed as a condition for medical products authorized for emergency use under section 564 of the Federal Food, Drug, and Cosmetic Act (FD&C Act) (21 U.S.C. 360bb-3). This guidance also does not address monitoring and reporting of adverse events as required by regulations establishing the conditions for investigational use of drugs, biologics, and devices. (See 21 CFR parts 312 and 812.)

FDA is revising the final guidance for industry entitled “Postmarketing Adverse Event Reporting for Medical Products and Dietary Supplements During an Influenza Pandemic” (2012 final guidance) to clarify that the guidance is applicable to any pandemic, not just an influenza pandemic. This action is necessary to address the Coronavirus Disease 2019 (COVID-19) pandemic and to ensure that the Agency’s recommendations in the 2012 final guidance apply to any pandemic, including COVID-19. Accordingly, this guidance replaces the 2012 final guidance.

FDA’s guidance documents, including this guidance, 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 the word should in Agency guidances means that something is suggested or recommended, but not required.

II. BACKGROUND

FDA plays a critical role in protecting the United States from threats such as emerging infectious diseases, including the COVID-19 pandemic. FDA is committed to providing timely guidance to support continuity and response efforts to this pandemic.

Pandemic preparedness is a global responsibility. It is expected that widespread human outbreaks of a pandemic, whether overseas or in the United States, will affect industry’s normal functions. Although overseas outbreaks may not seem to directly affect domestic operations, international medical product and dietary supplement production, availability, and adverse event reporting may be disrupted if a firm’s international sites are affected. Thus, industry should develop plans to ensure continuity of operations during a pandemic (discussed in section III.B). It is important that firms consider the adverse event reporting functions of their U.S. locations and their international locations in the face of a potential pandemic.

III. PREPAREDNESS FOR ADVERSE EVENT REPORTING DURING A PANDEMIC

A. Information on Pandemic Preparedness

The Department of Health and Human Services (HHS) provides a variety of information about

**Contains Nonbinding Recommendations**

pandemics, including general information on pandemic preparedness planning, e.g. Pandemic Preparedness Resources. Manufacturers should refer to the Web site frequently for updated information on pandemics.

### B. Development of a Continuity of Operations Plan in the Case of a Pandemic

To access general information on pandemic preparedness planning, firms should refer to the HealthCare Emergency Preparedness Information Gateway Web site. This site includes resources for developing a continuity of operations plan (COOP) to ensure that a firm’s operations continue during all stages of a pandemic.

This guidance is limited to FDA recommendations for reporting adverse events during a period of pandemic. Each firm’s pandemic COOP plan should include instructions for reporting adverse events and provide a plan for the submission of any stored reports not submitted in the regulatory timeframes.

### C. FDA Expectations for Adverse Event Reporting During a Pandemic

#### 1. Reporting Requirements During a Pandemic

During a pandemic, normal adverse event reporting processes should be maintained to the maximum extent possible. All adverse event data should be handled using each firm’s usual standard operating procedures, and regulatory and statutory requirements for adverse event reporting should be met to the maximum extent possible.

Firms should develop and prepare to implement their COOP in the event that they are not able to fulfill all adverse event reporting requirements because of pandemic-related high employee absenteeism. FDA recommends that in planning, firms consider the following types of factors (not all-inclusive):

- What activities are directly relevant to the processing and submission of mandatory adverse event reports to FDA?

- How would sites based in the United States and abroad be differentially affected by a pandemic?

- What are the relative amounts of resources dedicated to mandatory adverse event reporting at each site?

Firms that are unable to fulfill normal adverse event reporting requirements during a pandemic should maintain documentation of both of the following conditions:

1. Declaration of a pandemic (e.g., by the World Health Organization), including date of

---


declaration of the pandemic and ending date of the pandemic, and

2. High absenteeism and/or other factors (e.g., an increase in adverse event reporting) that is/are preventing the firm from meeting normal adverse event reporting requirements

The appropriate FDA organizational units responsible for adverse event reporting compliance should be notified when these conditions exist as soon as practicable, recognizing that notifications may be delayed due to the need to address more urgent safety issues.

2. Enforcement Approach During a Pandemic with High Employee Absenteeism

FDA anticipates that during a pandemic, industry and FDA workforces may be reduced because of high employee absenteeism at the same time that reporting of adverse events related to pandemic-related medical products may increase.

FDA encourages all firms to plan for these circumstances to maintain the highest feasible level of adverse event monitoring and reporting throughout the pandemic period when a firm is experiencing pandemic-related high employee absenteeism. Recognizing that a pandemic may reduce a firm’s capacity to comply with adverse event reporting requirements, however, FDA offers this general guidance to help manufacturers strategize use of their resources.

As explained below, FDA does not intend to object if, because of pandemic-related high employee absenteeism, certain required adverse event reports are not submitted to the FDA within the timeframes required by statute and regulation, provided that any delayed reports are submitted within 6 months of the restoration of adverse event reporting processes to their pre-pandemic state (see section III.D for discussion of prioritizing timeframes for submission of stored reports).

Table 1 indicates which reports firms may generally store if necessary because of pandemic-related high employee absenteeism, without FDA objection. Where Table 1 indicates a type of report may be stored if necessary, this means that FDA does not intend to object if firms maintain newly received information regarding the underlying adverse events and do not submit reports in the timeframes mandated by statute or regulation. However, any delayed reports must be submitted after adverse event reporting processes have been restored to the pre-pandemic state. Firms should maintain records to identify what has been stored and when the processes were restored.

This guidance does not apply to adverse event reporting during a pandemic by firms that are able to continue reporting operations. Firms that are able to report more than the minimum described in Table 1 but less than that required by the statute and applicable regulations should prioritize the order of report submissions. For example, reports with regulatory timeframes of 30 days or less (e.g., 15-day reports, 30-day reports) should be submitted before periodic safety reports. During a pandemic, all firms are strongly encouraged to submit as many required reports as possible. This will minimize reporting burdens once adverse event reporting processes have been restored to the pre-pandemic state.

FDA intends to communicate with firms if there are products and issues that present special concerns and for which the agency therefore expects compliance with normal reporting as required by statute and regulation during the pandemic. Special concerns could include:

- product-related safety issues such as (but not limited to) newly emerging safety issues (e.g., an antihypertensive drug associated with liver failure or a non-pandemic-related
vaccine associated with anaphylaxis)

• product problems with associated adverse events (e.g., nonfatal serious infections associated with a pre-filled syringe that was recalled due to bacterial contamination)

As indicated in Table 1, if FDA has specified a product as presenting special concerns, firms must submit required adverse event reports regardless of the more general recommendations in Table 1. Aside from this circumstance, in Table 1, reporting recommendations for drugs and biologics are prioritized by type of product so that reporting can focus on products that are likely to have greater use and may necessitate greater monitoring during a pandemic. Further, 15-day reports have priority over periodic reports. For medical devices, the reporting priority is specified by outcome (i.e., fatal outcome vs. nonfatal outcome). Table 1 also includes reporting recommendations for other products and additional details.

D. Reporting After the Pandemic

After the pandemic is resolved and a pre-pandemic state has been restored, it is expected that firms will resume fulfilling all reporting requirements on time as well as submit reports that were stored because of pandemic-related high employee absenteeism. Firms should follow their plan for the submission of the stored reports not submitted in the regulatory timeframes. Firms are generally expected to submit stored reports to FDA within 6 months of restoration of the adverse event reporting process to the pre-pandemic state. Firms should prioritize the order of submission for stored reports. For example, reports with regulatory timeframes of 30 days or less (e.g., 15-day reports, 30-day reports) should be submitted before periodic safety reports.

Firms that cannot meet adverse event reporting requirements at the minimum levels identified in this guidance should consult the appropriate FDA organizational unit responsible for adverse event reporting compliance.

IV. PAPERWORK REDUCTION ACT OF 1995

This guidance contains information collection provisions that are subject to review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501-3520).

The time required to complete this information collection is estimated to average 50 hours per response to prepare an adverse reporting plan for a COOP and 8 hours per response to notify FDA when normal reporting is not feasible, to maintain documentation of the pandemic conditions and resultant high absenteeism, and to maintain records to identify what reports have been stored and when the reporting process was restored, including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. Send comments regarding this burden estimate or suggestions for reducing this burden to:

Office of Surveillance and Epidemiology, Center for Drug Evaluation and Research, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 22, rm. 4480, Silver Spring, MD 20993-0002.

This guidance also refers to previously approved collections of information found in FDA’s adverse event reporting requirements in 21 CFR 310.305, 314.80, 314.98, 600.80, 606.170, 640.73, 1271.350, and part 803. These regulations contain collections of information that are subject to review by the Office of Management and Budget (OMB) under the Paperwork
Contains Nonbinding Recommendations

Reduction Act of 1995 (44 U.S.C. 3501-3520) and are approved under OMB control numbers 0910-0116, 0910-0291, 0910-0230, 0910-0308, 0910-0437, and 0910-0543. In addition, the guidance also refers to adverse event reports for nonprescription human drug products marketed without an approved application and dietary supplements required under sections 760 and 761 of the Act (21 U.S.C. 379aa and 379aa-1), which include collections of information approved under OMB control numbers 0910-0636 and 0910-0635.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number for this information collection is 0910-0701 (expires 05/31/2021).
**Table 1. FDA Approach to Postmarketing Safety Reporting During a Pandemic if Normal Processes of Mandatory Adverse Event Reporting Are Not Feasible Because of High Employee Absenteeism**

<table>
<thead>
<tr>
<th>Type of Product or Application</th>
<th>Type of Report(s)/Statutory or Regulatory Timeframe(s)(^1)</th>
<th>FDA Recommended Reporting During a Pandemic With High Employee Absenteeism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Products with special concerns as specified by FDA (any product or application type below)(^2)</td>
<td>As per regulation(s) and/or statute(s) relating to the FDA-specified product</td>
<td>Submit(^3)</td>
</tr>
<tr>
<td>Prescription drug products marketed without an approved New Drug Application (NDA)</td>
<td>15-day Alert report, 15-day Alert report - follow up / 15 calendar days</td>
<td>Store if necessary(^4)</td>
</tr>
</tbody>
</table>
| Approved NDA, Approved Abbreviated New Drug Application (ANDA) | 15-day Alert report, 15-day Alert report - follow up / 15 calendar days AND Reports to applicant (or licensed manufacturer) instead of FDA / 5 calendar days | Approved NDA, Approved ANDA  
1. Submit  
2. Submit  
3. Store if necessary |
| Approved Biologics License Application (BLA) | Periodic adverse drug experience report\(^5\) Quarterly for 3 years from the date of U.S. approval of the application (or license) and then annually thereafter | Approved BLA  
1. Submit  
2. Submit  
3. Submit death outcome reports. Store if necessary other serious outcome (non-death) reports.  
| Approved NDA: all products |  | Store if necessary |
| Approved ANDA: all products |  |  |
| Approved BLA: all products |  |  |

\(^1\) Refer to the appendix for Current Requirements for Postmarketing Safety Reports.

\(^2\) FDA will specifically communicate with firms regarding which products present special concerns. Refer to section III.C.2 of this guidance for further discussion of special concern products.

\(^3\) As used in this document, “submit” means that the Agency continues to expect compliance with the specific regulatory requirements for submission, including applicable timeframes.

\(^4\) Refer to section III.C.2 of this guidance.

\(^5\) Includes periodic safety update reports (PSURs) if applicant has a waiver allowing submission of PSURs in lieu of periodic adverse (drug) experience reports.
# Contains Nonbinding Recommendations

<table>
<thead>
<tr>
<th>Type of Product or Application</th>
<th>Type of Report(s)/ Statutory or Regulatory Timeframe(s)</th>
<th>FDA Recommended Reporting During a Pandemic With High Employee Absenteeism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonprescription Drugs Marketed without an Approved Application</td>
<td>Serious adverse event report / 15 business days</td>
<td>Store if necessary</td>
</tr>
<tr>
<td>Dietary Supplement Products</td>
<td>Serious adverse event report / 15 business days</td>
<td>Store if necessary</td>
</tr>
<tr>
<td>Blood and Blood Components</td>
<td>Blood collection/transfusion fatality report / As soon as possible (oral or written) and 7 days (written)</td>
<td>Submit</td>
</tr>
<tr>
<td>Source Plasma</td>
<td>Donor fatality report / As soon as possible (oral)</td>
<td>Submit</td>
</tr>
<tr>
<td>Human Cells, Tissue, and Cellular and Tissue-Based Products (HCT/P)</td>
<td>Adverse reaction report / 15 calendar days</td>
<td>Submit</td>
</tr>
<tr>
<td>Medical Device</td>
<td>Manufacturer Medical Device Report (MDR) to FDA / 5 work days</td>
<td>Submit</td>
</tr>
<tr>
<td></td>
<td>Manufacturer MDR to FDA / 30 calendar days</td>
<td>1. Submit if patient death</td>
</tr>
<tr>
<td></td>
<td>MDR from importer to manufacturer and FDA / 30 calendar days</td>
<td>2. Store, if necessary, if nonfatal serious injury or device malfunction</td>
</tr>
<tr>
<td></td>
<td>MDR from user facility to manufacturer (and/or FDA) / 10 work days</td>
<td>1. Submit if patient death</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Store, if necessary, if nonfatal serious injury</td>
</tr>
</tbody>
</table>

6 For purposes of section 760 of the Federal Food, Drug, and Cosmetic Act (FD&C Act), \textit{nonprescription drug} means a drug that is (1) not subject to section 503(b) of the FD&C Act and (2) not subject to approval in an application submitted under section 505 of the FD&C Act. See section 760(a)(2) of the FD&C Act (21 U.S.C. 379aa(a)(2)).

7 The recommendations are also applicable to events reported under the Voluntary Malfunction Summary Reporting (VMSR) Program. See 83 FR 40973 for more details regarding VMSR Program conditions of participation.
Contains Nonbinding Recommendations

APPENDIX: CURRENT REQUIREMENTS FOR POSTMARKETING SAFETY REPORTS

<table>
<thead>
<tr>
<th>Type of Product or Type of Application</th>
<th>Section of 21 CFR or FD&amp;C Act</th>
<th>Type of Report(s)/ Timeframe</th>
<th>Type of Information</th>
<th>Persons with Reporting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prescription Drug Products Marketed without an Approved NDA</td>
<td>310.305</td>
<td>15-day Alert report; 15-day Alert report-followup / 15 calendar days</td>
<td>Serious and unexpected adverse drug experience; New information from follow up of 15-day Alert report</td>
<td>Manufacturers, packers, distributors</td>
</tr>
<tr>
<td>Reports to manufacturer (or licensed manufacturer) instead of FDA / 5 calendar days</td>
<td>Serious adverse drug experiences</td>
<td>Packers and distributors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved NDA (prescription and nonprescription drugs), Approved ANDA (prescription and nonprescription drugs), and Approved BLA (biologics)</td>
<td>314.80, 314.98, and 600.80, respectively</td>
<td>15-day Alert report; 15-day Alert report-followup / 15 calendar days</td>
<td>Serious and unexpected adverse drug experience; New information from follow up of 15-day Alert report</td>
<td>Applicants (§§ 314.80, 314.98), licensed manufacturers (§ 600.80), manufacturers, packers, and distributors (§§ 314.80, 314.98, and 600.80) and joint manufacturers, shared manufacturers, or any other participant involved in divided manufacturing (§ 600.80)</td>
</tr>
<tr>
<td>Reports to applicant (or licensed manufacturer) instead of FDA / 5 calendar days</td>
<td>Serious adverse drug experiences</td>
<td>Manufacturers, packers, and distributors (§§ 314.80, 314.98,and 600.80) and joint manufacturers, shared manufacturers, or any participant involved in divided manufacturing (§ 600.80)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Periodic adverse drug experience report / Quarterly for 3 years from the date of U.S. approval of the application/issuance of license and annually thereafter unless otherwise required by FDA</td>
<td>• Individual case safety reports for each adverse drug experience not submitted to FDA as a 15-day Alert report, excluding reports from postmarketing studies, reports in the scientific literature, and foreign marketing experience</td>
<td>Applicants (§§ 314.80, 314.98) or licensed manufacturers (§ 600.80)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Summary portion: includes narrative summary and analysis of adverse drug experiences that occurred during the reporting interval including 15-day Alert reports previously submitted to FDA, an index of individual case safety reports included in the report, and history of actions taken since the last Periodic report.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Contains Nonbinding Recommendations**

<table>
<thead>
<tr>
<th>Type of Product or Type of Application</th>
<th>Section of 21 CFR or FD&amp;C Act</th>
<th>Type of Report(s)/ Timeframe</th>
<th>Type of Information</th>
<th>Persons with Reporting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRUGS AND BIOLOGICS (cont’d)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonprescription Drugs Marketed without an Approved Application</td>
<td>FD&amp;C Act Subchapter H Sec.760</td>
<td>Serious adverse event report, new medical information (followup) report / 15 business days</td>
<td>Serious adverse events</td>
<td>Manufacturers, packers, or distributors</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------------------------</td>
<td>-----------------------------</td>
<td>---------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>DIETARY SUPPLEMENTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dietary Supplements</td>
<td>FD&amp;C Act Subchapter H Sec.761</td>
<td>Serious adverse event report, new medical information (followup) report / 15 business days</td>
<td>Serious adverse events</td>
<td>Manufacturers, packers, or distributors</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------------------------</td>
<td>-----------------------------</td>
<td>---------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>BLOOD AND BLOOD COMPONENTS, INCLUDING SOURCE PLASMA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blood and Blood Components</td>
<td>606.170</td>
<td>Blood collection/transfusion fatality report / notification as soon as possible (by telephone, fax, e-mail or express mail) and written report of investigation within 7 days</td>
<td>Fatalities associated with complications of blood collection or transfusion</td>
<td>Blood collecting facility or transfusing facility</td>
</tr>
<tr>
<td>Source Plasma</td>
<td>640.73</td>
<td>Donor fatality report / as soon as possible (by telephone)</td>
<td>Fatalities associated with Source Plasma collection</td>
<td>Source Plasma establishments</td>
</tr>
</tbody>
</table>

10
### Contains Nonbinding Recommendations

**HUMAN CELLS, TISSUE, AND CELLULAR AND TISSUE-BASED PRODUCTS**

<table>
<thead>
<tr>
<th>Type of Product or Type of Application</th>
<th>Section of 21 CFR or FD&amp;C Act</th>
<th>Type of Report(s)/ Timeframe</th>
<th>Type of Information</th>
<th>Persons with Reporting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Cells, Tissue, and Cellular and Tissue-Based Products (HCT/P)</td>
<td>1271.350</td>
<td>Adverse reaction report / 15 calendar days</td>
<td>Communicable disease associated with HCT/P if fatal, life-threatening, results in permanent impairment of body function or permanent damage to body structure or necessitates medical or surgical intervention</td>
<td>Establishments that manufacture HCT/P</td>
</tr>
</tbody>
</table>

**MEDICAL DEVICES**

<table>
<thead>
<tr>
<th>Type of Product or Type of Application</th>
<th>Section of 21 CFR or FD&amp;C Act</th>
<th>Type of Report(s)/ Timeframe</th>
<th>Type of Information</th>
<th>Persons with Reporting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Devices</td>
<td>803.50</td>
<td>Medical device reporting (MDR) to FDA / 30 calendar days</td>
<td>Device may have caused/contributed to death or serious injury, or device malfunctioned and would be likely to cause/contribute to death or serious injury if malfunction recurs</td>
<td>Manufacturers</td>
</tr>
<tr>
<td></td>
<td>803.53</td>
<td>MDR to FDA / 5 work days</td>
<td>MDR reportable event necessitates remedial action to prevent unreasonable risk of substantial harm to public health, or report requested by FDA</td>
<td>Manufacturers</td>
</tr>
<tr>
<td></td>
<td>803.56</td>
<td>Supplemental (followup) reports / within 30 calendar days</td>
<td>Followup information received on a previously submitted 5-day or 30-day MDR</td>
<td>Manufacturers</td>
</tr>
<tr>
<td></td>
<td>803.40</td>
<td>MDR to manufacturer and FDA / 30 calendar days</td>
<td>Device may have caused/contributed to death or serious injury</td>
<td>Importers</td>
</tr>
<tr>
<td></td>
<td>803.40</td>
<td>MDR to manufacturer / 30 calendar days</td>
<td>Device has malfunctioned and would be likely to cause/contribute to death or serious injury if malfunction recurs</td>
<td>Importers</td>
</tr>
<tr>
<td></td>
<td>803.30</td>
<td>MDR to manufacturer and FDA / 10 work days</td>
<td>Device may have caused/contributed to death</td>
<td>User Facilities</td>
</tr>
<tr>
<td></td>
<td>803.30</td>
<td>MDR to manufacturer (or FDA if manufacturer not known) / 10 work days</td>
<td>Device may have caused/contributed to serious injury</td>
<td>User Facilities</td>
</tr>
<tr>
<td></td>
<td>803.33</td>
<td>Annual Report / yearly by January 1</td>
<td>Summary of previously submitted reports (not required if no reports)</td>
<td>User Facilities</td>
</tr>
</tbody>
</table>