

CAPA for the FDA-Regulated Industry

José Rodríguez-Pérez



Capa For The Fda Regulated Industry

David N. Muchemu



Capa For The Fda Regulated Industry:

CAPA for the FDA-regulated Industry José Rodríguez Pérez,2011 Handbook of Investigation and Effective CAPA Systems, Second Edition José Rodríguez-Pérez,2016-04-04 Understanding and improving the CAPA system as a whole is the focal point of this book the only of its kind dealing exclusively with this critical system within highly regulated industries Features include Information about the importance of the CAPA system within the quality system for the medical products regulated industry Fully updated with current versions of regulations U S FDA EU ISO 13485 and so on and a new section covers the regulatory expectation of customer complaint investigations Investigation and CAPA elements of the 2015 revision of the ISO 9001 standard New coverage on the investigation plan and the new U S FDA quality metric guidance as well as a section discussing the tight relationship between CAPAs and FMEA A new chapter fully devoted to human errors and human factors and their impact in the investigation and CAPA system Discussion of a dozen of the most common pitfalls commonly encountered in the investigation and CAPA world of regulated companies An example of an investigation and CAPA expert certification program being used for many companies Forms and examples of the different elements investigation report root causes checklist human error investigation CAPA plan and so on covered in the book Fully usable forms are also included in the companion CD in Microsoft Word format While the first edition of this book was aimed solely at the FDA regulated industry the title of this second edition reflects the importance of the investigation root cause analysis stage as the necessary preceding step of any effective corrective and preventive action system Investigation and CAPA are concepts used in many sectors besides the FDA regulated industry such as automotive electronics aerospace telecommunications process industry and many more This book will become an essential reference for those in these other industries **Quality Risk**

Management in the FDA-Regulated Industry José Rodríguez-Pérez,2017-02-21 The purpose of this new edition is to offer an updated view of the risk management field as it applies to medical products Since the publication of the first edition 2012 the emphasis on risk based processes has growth exponentially across all sectors and risk management is now considered as significant as quality management ISO 9001 was revised and now requires that top management promote the use of risk based thinking ISO 13485 2016 which specifies the requirements for a quality management system specific to the medical devices industry also now shows a greater emphasis on risk management and risk based decision making In addition the FDA Food Safety Modernization Act FSMA is the most important reform of U S food safety laws in more than 70 years This indispensable book presents a systematic and comprehensive approach to quality risk management It will assist medical and food product manufacturers with the integration of a risk management system or risk management principles and activities into their existing quality management system by providing practical explanations and examples The appropriate use of quality risk management can facilitate compliance with regulatory requirements such as good manufacturing practice or good laboratory practice All chapters have been updated and revised and a new chapter has been added to discuss some of

the most common pitfalls and misunderstandings regarding risk management specifically those related to the use of FMEA as the only element of risk management programs One of the appendices includes 12 case studies and the companion CD ROM contains dozens of U S FDA and European guidance documents as well as international harmonization documents ICH and GHTF IMDRF related to risk management activities as well as a 30 question exam with answers on the material discussed in the book

Statistical Process Control for the FDA-Regulated Industry Manuel E. Pena-Rodriguez,2013-04-14 The focus of this book is to understand and apply the different SPC tools in a company regulated by the Food and Drug Administration FDA those that manufacture pharmaceutical products biologics medical devices food cosmetics and so on The book is not intended to provide an intensive course in statistics instead it is intended to provide a how to guide about the application of the diverse array of statistical tools available to analyze and improve the processes in an organization regulated by FDA This book is aimed at engineers scientists analysts technicians managers supervisors and all other professionals responsible to measure and improve the quality of their processes Although the examples and case studies presented throughout the book are based on situations found in an organization regulated by FDA the book can also be used to understand the application of those tools in any type of industry Readers will obtain a better understanding of some of the statistical tools available to control their processes and be encouraged to study with a greater level of detail each of the statistical tools presented throughout the book The content of this book is the result of the author s almost 20 years of experience in the application of statistics in various industries and his combined educational background of engineering and law that he has used to provide consulting services to dozens of FDA regulated organizations

Quality Risk Management in the FDA-Regulated Industry Jose (Pepe) Rodriguez-Perez,2024-04-18 For quality professionals and manufacturers in the food safety and medical device industries risk management is essential to ensuring organizations meet FDA regulations and requirements Without these recognized standards the lives of patients and consumers are placed in jeopardy In this third edition of Quality Risk Management in the FDA Regulated Industry Jose Rodriguez Perez provides an updated view of the risk management field as it applies to FDA regulated products using risk based thinking

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The FDA and Worldwide Current Good Manufacturing Practices and Quality System Requirements Guidebook for Finished Pharmaceuticals José Rodríguez-Pérez,2014-08-15 This guidance book is meant as a resource to manufacturers of pharmaceuticals providing up to date information concerning required and recommended quality system practices It should

be used as a companion to the regulations standards themselves and texts on the specific processes and activities contained within the QMS This book includes chapters on US current Good Manufacturing Practice GMP international GMP global GMP guides and harmonization detailed analysis of the requirements and guidances missing subparts what inspectors are looking for and the price of noncompliance It also includes an appendix with two tabulated comparisons the first compares US European PIC S Canadian and WHO cGMPs while the second compares US cGMPs with effective quality system elements The companion CD contains cGMP regulations for sterile products produced by aseptic processing it also includes updated data of statistical enforcement by the FDA both domestically and abroad a detailed glossary and dozens of FDA guidance documents as well as international regulations EU and Canada and harmonization documents WHO PIC S and ICH A very comprehensive checklist for a cGMP audit that is based on risk management criteria is also included Finally a comprehensive GMP exam is also included

The ASQ Certified Pharmaceutical GMP Professional Handbook Mark Allen Durivage,2024-09-30 The ASQ Certified Pharmaceutical GMP Professional Handbook assists candidates preparing for the Certified Pharmaceutical Good Manufacturing Practices Professional CPGP examination and serves as a handy reference guide for practitioners in the field This handbook covers compliance with good manufacturing practices GMPs as regulated and guided by national and international agencies for the pharmaceutical industry

How to Design a World-Class CAPA System for FDA Regulated Industries David Muchemu,2005-05 STEP BY STEP INSTRUCTIONS ON HOW TO DESIGN A CORRECTIVE ACTION PREVENTIVE ACTION SYSTEM FOR PHARMACEUTICAL BIOLOGICAL AND MEDICAL DEVICE INDUSTRIES

CAPA in the Pharmaceutical and Biotech Industries J Rodriguez,2015-12-08 CAPA in the Pharmaceutical and Biotech Industries How to Implement an Effective Nine Step Program contains the most current information on how to implement develop and maintain an effective Corrective Action and Preventive Action CAPA and investigation program using a nine step closed loop process approach for medical devices and pharmaceutical and biologic manufacturers as well as any anyone who has to maintain a quality system This book addresses how companies often make the mistake of fixing problems in their processes by revising procedures or more commonly by retraining employees that may or may not have caused the problem This event focused fix leads to the false assumption that the errors have been eradicated and will be prevented in the future The reality is that the causes of the failure were never actually determined therefore the same problem will recur over and over CAPA is a complete system that collects information regarding existing and potential quality problems It analyzes and investigates the issues to identify the root cause of nonconformities It is not just a quick fix simple approach it is a process and has to be understood throughout organizations Provides an understanding of the principles and techniques involved in the effective implementation of a CAPA program from the identification of the problem to the verification of preventive action Emphasis is placed on the practical aspects of how to perform failure investigations and root cause analysis through the use of several types of methodologies all explained in detail Provides effective methods

to use with a Corrective Action system to help quality professionals identify costly issues and resolve them quickly and appropriately

HOW TO DESIGN A WORLD-CLASS Corrective Action Preventive Action SYSTEM FOR FDA-REGULATED INDUSTRIES David N. Muchemu, 2006-08-21 *Risk Assessment and Risk Management in the Pharmaceutical Industry* James L. Vesper, 2006

Quality Culture in the Pharmaceutical Industry Jose (Pepe) Rodríguez-Pérez, 2021-03-19 Why so many pharmaceutical companies are struggling to meet GMP and other regulatory requirements The reason is clear because they are trying to improve their quality management systems by fixing symptoms rather than by attacking the fundamental and primary root cause of their problems which is the lack of adequate quality and compliance culture The purpose of this book is to provide those leaders and senior managers with a clear roadmap to solve their regulatory problems and to return to the route of compliance by implementing a strong positive quality and compliance culture The recipe is simple all you need is good people including good leaders and senior managers good procedures and good training programs sailing into a strong and positive culture of quality and compliance When a company implements a behavior based quality and culture compliance they look into their problems as a whole and they understand that there are multiple factors including the soft ones related to personal and organizational behaviors that affect performance A very positive consequence of this systematic thinking is the shift from CAPA programs mostly correctives to ones where the systemic preventive actions are predominant Quality is everyone's responsibility but when it comes to creating strengthening or maintaining a culture within an organization there is one group who really owns it the leaders and senior managers The good news is that creating or strengthening a positive and sustainable quality culture is an achievable task although not an easy or quick one In this book you will find ten foundational principles of a strong and positive quality culture their associated desired behaviors and a set of leading indicators that can be used to monitor and enhance leadership engagement people engagement and culture and maturity

Technical Association of the Pulp and Paper Industry, 1964 *Food, Drug, Cosmetic Law Reporter*, 1963

Interagency Coordination in Drug Research and Regulation United States. Congress. Senate. Committee on Government Operations. Subcommittee on Reorganization and International Organizations, 1963

Standard & Poor's Industry Surveys Standard and Poor's Corporation, 1997

Fundamentals of Law and Regulation: An in-depth look at therapeutic products Robert P. Brady, 1997

Proceedings of the Division 23 Program American Psychological Association. Division of Consumer Psychology,

Quality Culture in the Pharmaceutical Industry Jose (Pepe) Rodríguez-Pérez, 2021-11-15 Why so many pharmaceutical companies are struggling to meet GMP and other regulatory requirements The reason is clear because they are trying to improve their quality management systems by fixing symptoms rather than by attacking the fundamental and primary root cause of their problems which is the lack of adequate quality and compliance culture The purpose of this book is to provide those leaders and senior managers with a clear roadmap to solve their regulatory problems and to return to the route of compliance by implementing a strong positive

quality and compliance culture The recipe is simple all you need is good people including good leaders and senior managers good procedures and good training programs sailing into a strong and positive culture of quality and compliance When a company implements a behavior based quality and culture compliance they look into their problems as a whole and they understand that there are multiple factors including the soft ones related to personal and organizational behaviors that affect performance A very positive consequence of this systematic thinking is the shift from CAPA programs mostly correctives to ones where the systemic preventive actions are predominant Quality is everyone s responsibility but when it comes to creating strengthening or maintaining a culture within an organization there is one group who really owns it the leaders and senior managers The good news is that creating or strengthening a positive and sustainable quality culture is an achievable task although not an easy or quick one In this book you will find ten foundational principles of a strong and positive quality culture their associated desired behaviors and a set of leading indicators that can be used to monitor and enhance leadership engagement people engagement and culture and maturity

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