

# Quality Management Requirements for Medical Devices

## Presenter

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Dip Pharm, Dip Production Management, SABS Textile Diploma

## Introduction

Simone is an industrial pharmacist with a production, R&D and technical background having experience in regulatory affairs, quality management, validation, intellectual property, manufacturing and productivity improvement.

Simone is a member of MDMSA, SAMED, SAFHE, SAAPHI and sits on the SABS technical committees and SANAS technical expert group for medical devices. Simone recently provided a medical textile market evaluation to expand textile medical devices for the SA Cotton Cluster.

Simone's company Rudolph-Shortt consultancy cc trading as ISOhealthSA, offers expert consultation in foods, cosmetic, disinfectant, medicine and medical device regulatory affairs; for many products and services good manufacturing practices and quality management systems design, development and implementation, with auditing, process improvement and training to manage operational risk, achieving compliance and driving business improvement.

The company works with small to medium enterprises around South Africa and surrounding neighbouring counties e.g Swaziland, Lesotho, Botswana in the food, beverage, cosmetics, medical device and pharmaceutical industries.

The company has earned its reputation as a leading consultation service provider with technically qualified specialists with vast practical industry experience, which includes, Implementation, design or improvement of operational management, systems realising process realignment and cost savings initiatives.

ISOhealthSA has local and international experience in pharmaceuticals, toiletries, food stuffs and medical devices regulations, quality and product safety systems, project management, occupational Health & Safety, and technical developments including process and product validation.

## **The Course:**

The registration of medical devices and IVDs and establishment licencing in South Africa is governed by the provisions and requirements of the Medicines and Related Substances Control Act No. 101 of 1965, (hereafter 'the Act') and the Regulations and Guidelines published in terms thereof.

SANS ISO 13485 is a South African National Standard for “Medical devices — Quality management systems (QMS) — Requirements for regulatory, and is therefore the industry standard for medical devices.

The standard “specifies requirements for a quality management system that can be used by an organization involved in one or more stages of the life-cycle of a medical device, including design and development, production, storage and distribution, installation, servicing and final decommissioning, and disposal of medical devices, and design and development, or provision of associated activities (e.g. technical support). The requirements in this International Standard can also be used by suppliers or other external parties providing product (e.g. raw materials, components, subassemblies, medical, devices, sterilization services, calibration services, distribution services, and maintenance services) to such, organizations.”

The QMS also requires that a risk based approach is applied to the control of the appropriate processes needed for the quality management system, which includes that the International Standard is complementary to the technical requirements for product that are necessary to meet customer and applicable regulatory requirements for safety and performance.

## **Who should take this course?**

Regulatory Affairs Pharmacists, Quality Assurance Pharmacists, Responsible Pharmacists, and Authorized Representatives

## **Course Content:**

**This course will be presented on the Microsoft Teams Platform.**

**DAY 1: Tuesday 18<sup>th</sup> July 2023 (9am – 1pm)**

1. Device Products: Definitions and descriptions
2. Transition and attributes to managing quality
3. ISO vs GMP
4. Quality Management System: Structure and principles

**DAY 2: Wednesday 19<sup>th</sup> July 2023 (9am – 1pm)**

5. Overview of ISO13485
6. Differences between ISO9001 and 13485
7. Certification vs Accreditation

**Course Outcomes:**

At the end of this course the attendee will have a clear understanding of:

1. Quality Management Systems and ISO13485 Requirements