



生技產業品質管理和 市場進入的挑戰與機會 - ISO 13485:2016與MDSAP

Chris Lee 李宗晏

Manager , BSI Taiwan Business Solutions Department



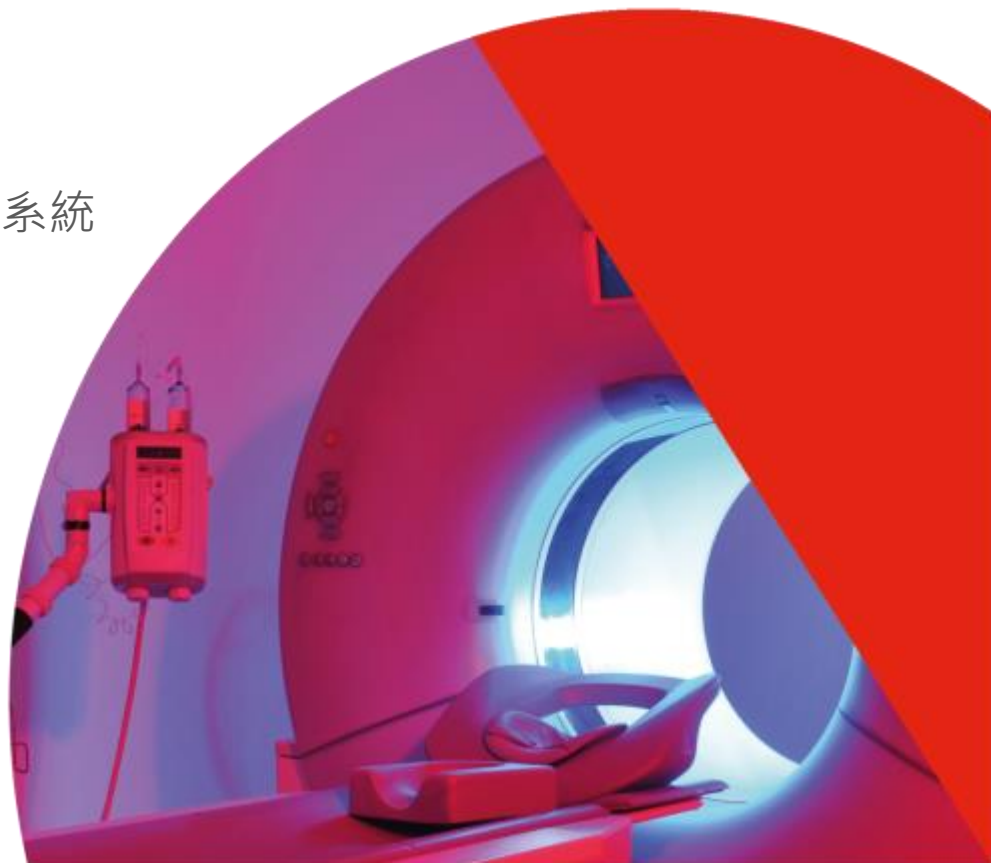
By Royal Charter

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Agenda

- ISO 13485:2016醫療器材品質管理系統
- MDSAP全球醫療器材單一稽核方案
- Support from BSI



A thick teal arc starts from the left edge of the slide, curves upwards and to the right, and ends near the bottom right corner.

ISO 13485:2016醫療器材品質管理系統



“我們重複的行為造就了我們，
因此卓越不是一個行為，
而是一種習慣。”

【亞里斯多德】

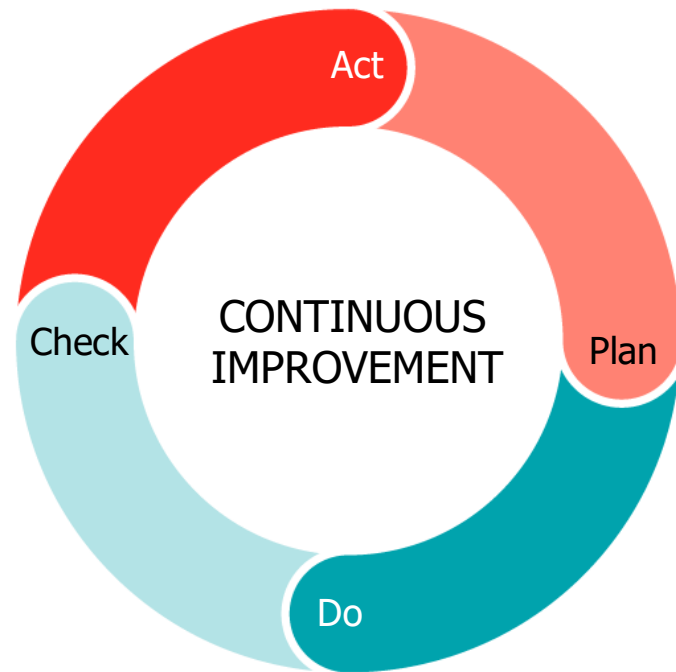
“We are what we repeatedly do.
Excellence, is not an act but a habit.”
【Αριστοτέλης】



什麼是品質管理系統？

A QMS is a set of processes that allows implementation and maintenance of quality assurance.

It ensures manufacturers consistently provide a high quality, safe product that meets market demand, and allows for adjustment to the manufacturing process should any issues arise.



什麼是醫療器材？

	Medical Device 醫療器材
中華民國 藥事法 第十三條	本法所稱醫療器材，係用於診斷、治療、減輕、直接預防人類疾病、調節生育，或足以影響人類身體結構及機能，且非以藥理、免疫或代謝方法作用於人體，以達成其主要功能之儀器、器械、用具、物質、軟體、體外試劑及其相關物品。



Orthopaedic
骨科



Dental
牙科



Active Implantable Devices
植入帶電



Active Devices
帶電醫材



IVDs
體外診斷



Vascular
心血管



General Devices
一般醫材



Biological Substances
動物組織



Drug-Device Combination
含藥醫材

ISO 13485是誰制定的？

ISO/TC 210

Quality management and corresponding general aspects for medical devices



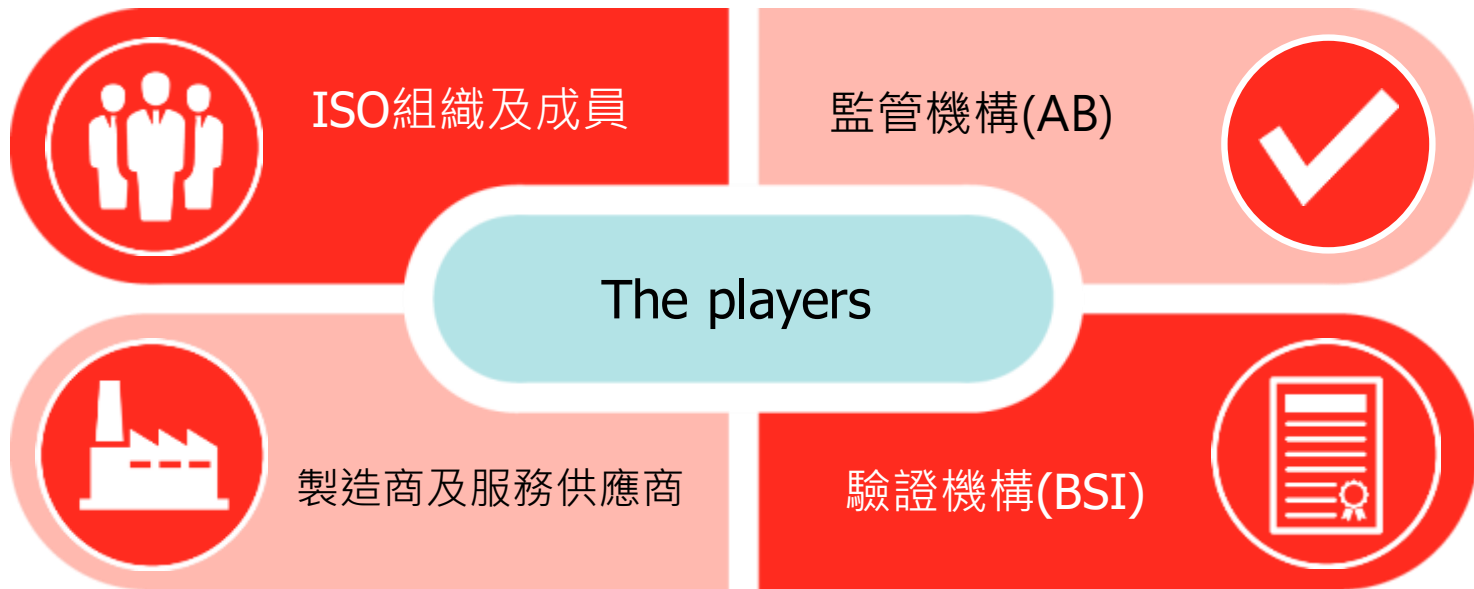
BSI is
Participating
Member



BSI Standards Publication

**Medical devices — Quality
management systems —
Requirements for regulatory
purposes
(ISO 13485:2016)**

誰參與ISO 13485認證流程？



ISO 13485:2016強調的區域

Regulatory
Requirements
法規要求

Risk
Management
風險管理

Validation,
Verification &
Design
Transfer
驗證、
確效及設計移
轉

Outsourced
Processes &
Supplier
Control
委外作業與供
應商控管

Feedback
回饋



**Improved linkage
of clauses**
增進條款間的連結



ISO 13485:2016 認證前準備工作



Understand 瞭解

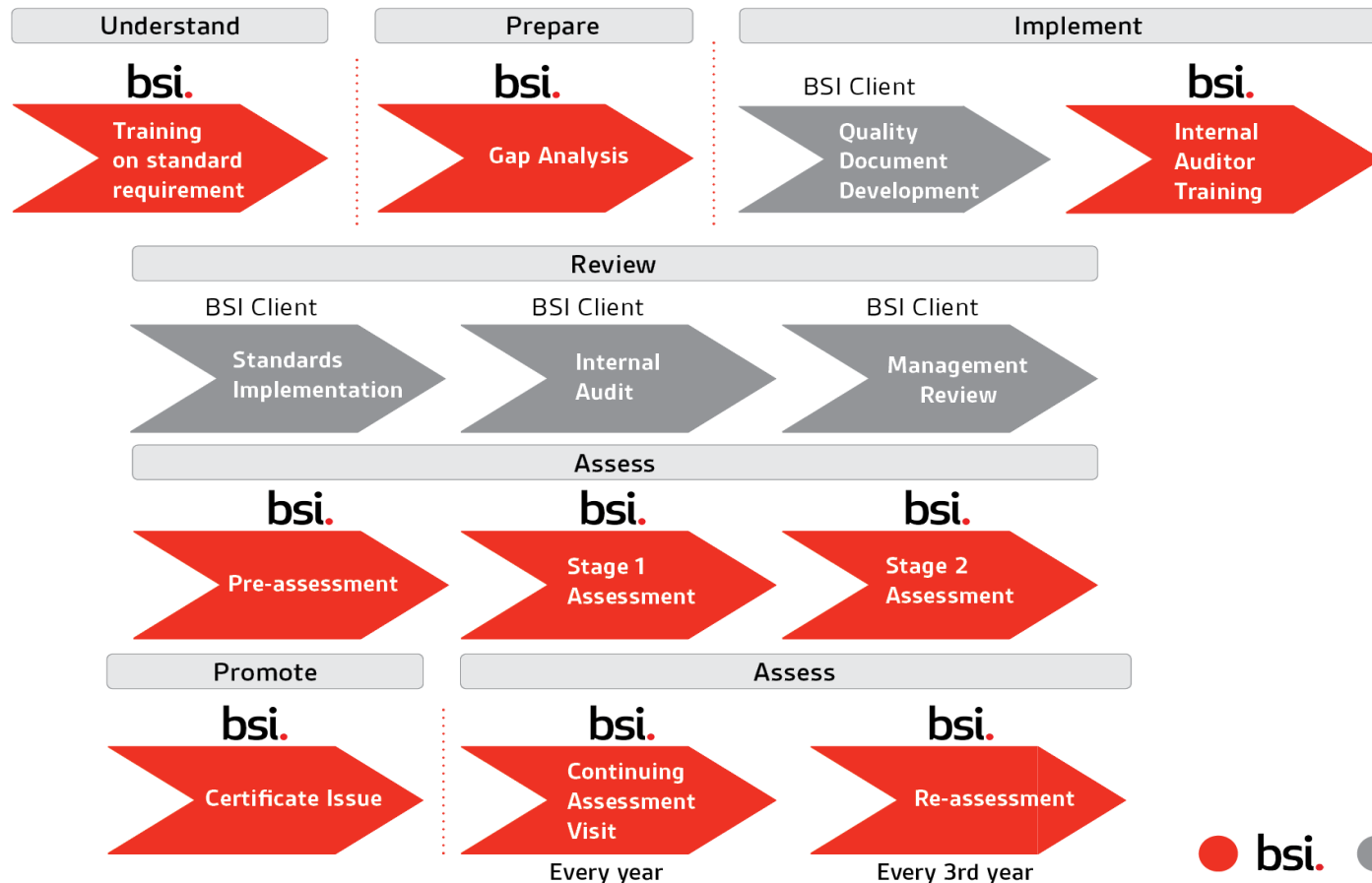
- Webinars 國外專家解說
- 白皮書 快速掌握重點
- 專家評論 要求逐項解釋
- 常見問題 重要觀念釐清
- 研討會 國內專家互動

Prepare 準備

- 買單一標準
多標準訂閱 } 取得標準
- 公開課程
企業包班 } 教育訓練
- 內部溝通
成立專案
差異分析 } 啟動轉版
- 準備度評估清單 } 自我評估

Audit 稽核

ISO 13485認證稽核流程



取得ISO 13485證書，準備進軍國際！

bsi. 

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485:2016

This is to certify that: **NETCOM International Co., Ltd.**
10F, B, 15F
No. 535, Chung-Cheng Rd.
Zhonghe Dist.
New Taipei City
229
Taiwan

holds Certificate No: **MD 871681**
and operates a Quality Management System which complies with the requirements of ISO 13485:2016 for the following scope:

The design and manufacture of P.C.B.A (printed circuit board assembly) and system assemblies used for medical devices (Data Transmission Gateway).

For and on behalf of BSI: 
David Brier, Head of Compliance & Risk - Medical Devices

Original Registration Date: 2017-06-01
Latest Review Date: 2017-06-01

Effective Date: 2017-06-01
Expiry Date: 2020-05-31

Page: 1 of 2

making excellence a habit™

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BSI is also available via email: enquiry@bsi.com or by fax: +1 845 349 7001.
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Key standards and regulations for the development of medical devices

1: CONCEPT



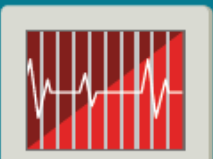
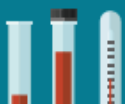
2: PLANNING



ISO 13485	Medical devices. Quality management systems. Requirements for regulatory purposes.
BS EN 60601-1	Medical electrical equipment. General requirements for basic safety and essential performance.
ISO 14971	Medical devices. Application of risk management to medical devices.
ISO 14155	Clinical investigation of medical devices for human subjects. Good clinical practice.
ISO 10993	Biological evaluation of medical devices. Tests for irritation and skin sensitization.
BS EN 62366-1	Medical devices. Application of usability engineering to medical devices.
ISO 15223-1	Medical devices. Symbols to be used with medical device labels, labeling and information to be supplied. General requirements.

Note: The above publications are generally referred to as 'horizontal standards', applicable to all types of medical devices. More detailed, product-specific requirements can be found in what are known as 'vertical standards', for example ISO 80601-2-13 Medical Electrical Equipment Particular Requirements for basic safety and essential performance of an anesthetic workstation.

3: DESIGN



4: VALIDATION

Regulations

- 1 Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/269/EEC and 93/42/EEC
- 2 Regulation (EU) 2017/746 of the European Parliament and of the Council of 5 April 2017 on in vitro diagnostic medical devices and repealing Directive 98/79/EC and Commission Decision 2010/227/EU



5: LAUNCH



Medical devices imported by the EU in 2015

Medical instruments
US \$39.7 billion



Medical x-ray apparatus
US \$2.02 billion



Orthopedic appliances
US \$25.3 billion



Medical, surgical or laboratory sterilizers
US \$245 million



Medical apparatus using alpha, beta or gamma radiation
US \$112 million



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MDSAP全球醫療器材單一稽核方案



International Medical Device Regulatory Forum (IMDRF)

國際醫療器材法規主管機關論壇



IMDRF International Medical
Device Regulators Forum

- IMDRF Management Committee (MC) regulators:
IMDRF管理委員會成員
 - Australia, Brazil, Canada, China, the European Union, Japan, Russia, and the United States of America
- Observers:
觀察員
 - WHO - World Health Organization
世界衛生組織
 - APEC LSIF (Asia Pacific Economic Cooperation Life Science Innovation Forum)
亞太經濟合作 生命科學創新論壇



**World Health
Organization**



**Life Sciences
Innovation Forum**

MDSAP Objectives

MDSAP目標

- Develop, manage, and oversee a single audit program that will allow a single regulatory audit to satisfy the needs of multiple regulatory jurisdictions
開發、管理並監管單一稽核方案，以同使滿足多個法規管轄需求
- To promote greater alignment of regulatory approaches and technical requirements
促進監管辦法與技術要求更加一致
- To promote consistency, predictability, and transparency of regulatory programs
促進一致性，可預測性與監管程序透明度

MDSAP Benefits

MDSAP效益

- Single Audit by Auditing Organization (AO) would: AO的單一稽核將
 - minimize medical device manufacturing disruptions due to multiple regulatory audits
最小化醫療器材製造商受多個主管機關稽核的打擾
 - leverage regulatory resources
平衡監管資源
 - benefit patient health and patient access
病患健康及權益的獲益
 - provide global benefit both on short term and longer term goals by IMDRF regulators – harmonization
提供全球化的法規調和

MSDAP Benefits for Manufacturers

MDSAP對製造商的益處

- No additional requirements for manufacturer
對製造商而言沒有額外要求
- Single audit optimizes time and resources
單次稽核有效地運用時間及資源
- Routine audits are scheduled/planned with AO
例行性的稽核由AO(稽核單位, 如BSI)安排及規劃
- Expected to improve predictability
提高稽核的可預測性
- Expected to add additional Regulatory Authorities
預計將增加更多的法規主管機關(國家)
- MDSAP讓製造商證明其品質能力更勝ISO 13485

MDSAP Formal Program 參與國家





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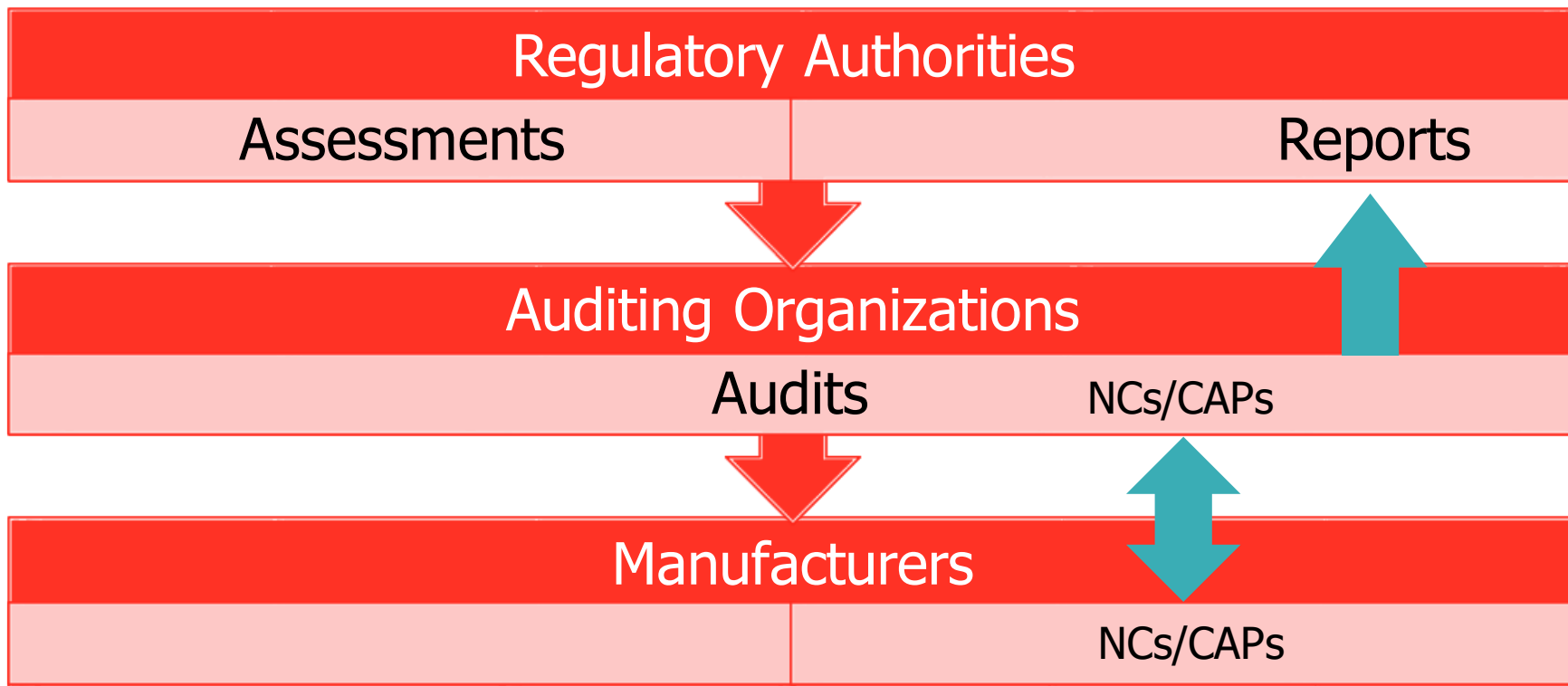
[Home](#) > [Drugs & Health Products](#) > [Medical Devices](#) > [Activities](#) > [International](#)

Transition Plan

The Pilot is scheduled to conclude December 31, 2016, and as stated in Health Canada Notices dated January 2014 and January 16, 2015, Health Canada intends to implement MDSAP as the sole mechanism for manufacturers to demonstrate compliance with the quality management system requirements of the *Medical Devices Regulations* (the Regulations). MDSAP will replace the current Canadian Medical Devices Conformity Assessment System (CMDCAS) program, even in situations when a manufacturer intends to sell only in Canada. This implementation will begin at the conclusion of the Pilot on January 1, 2017, and will span a period of two years. During this two year period, Health Canada will accept certificates issued under both CMDCAS and MDSAP. **As of January 1, 2019, only MDSAP certificates will be accepted.** Further details will be released as the transition plan is finalized. Health Canada's transition to MDSAP is an attempt to align with the transition period for the revised version of ISO 13485, which is anticipated to be published in early 2016.

How Does MDSAP Work?

MDSAP如何運作？



MDSAP Information – Official Sources (USA-FDA)

MDSAP資訊 – 官方資源(FDA官方網站)

Pilot Program Announcement (brief description)	http://www.fda.gov/downloads/MedicalDevices/InternationalPrograms/MDSAPPilot/UCM372066.pdf
Program Announcement (including benefits)	http://www.fda.gov/downloads/MedicalDevices/InternationalPrograms/MDSAPPilot/UCM429958.pdf
MDSAP FAQs	http://www.fda.gov/downloads/MedicalDevices/InternationalPrograms/MDSAPPilot/UCM430563.pdf
Eligible Auditing Organizations	http://www.fda.gov/downloads/MedicalDevices/InternationalPrograms/MDSAPPilot/UCM429978.pdf
MDSAP Audit Procedures & Forms	http://www.fda.gov/MedicalDevices/InternationalPrograms/MDSAPPilot/ucm377580.htm
Website	www.fda.gov/MedicalDevices/InternationalPrograms/MDSAPPilot/



Companion Document

Medical Device Single Audit Program

Chapter 1

Process: Management

The intent of the **Management process** is to provide adequate resources for device design, manufacturing, quality assurance, distribution, installation, and servicing activities; to assure the quality management system is functioning properly and effectively; and to monitor the quality management system and make necessary adjustments. A quality management system that has been implemented effectively and is monitored to identify and address existing and potential problems is more likely to produce medical devices that function as intended.

The **management representative** is responsible for ensuring that the requirements of the quality management system have been effectively defined, documented, implemented, and maintained. Prior to the review of any process, interview the management representative (or designee) to obtain an overview of the process and a feel for management's knowledge and understanding of the process.

The Management process is the first process to be audited per the MDSAP audit sequence.

Auditing the Management Process

Purpose: The purpose of auditing the Management process is to verify top management ensures an adequate and effective quality management system has been established and maintained. The management processes should be re-evaluated at the end of the audit to determine whether top management has demonstrated the necessary commitment for an effective quality management system that has been communicated to personnel.

Outcomes: As a result of the audit of the Management process, objective evidence will show whether the organization has:

- A) Identified processes needed for the quality management system, their application throughout the organization, and their sequence and interaction
- B) Defined, documented, and implemented procedures and instructions to ensure the development and maintenance of an effective quality management system
- C) Established quality objectives at relevant functions and levels within the organization consistent with the quality policy and ensured that these are periodically reviewed for continued suitability
- D) Determined the criteria and methods needed to ensure the operation and control of quality management system processes, including the identification and management of interrelated processes
- E) Committed the appropriate personnel and resources for infrastructure to the quality management system
- F) Assigned responsibility and authority to personnel and established the organizational structure to ensure processes assuring quality are not compromised
- G) Performed risk management planning and ongoing review of the effectiveness of risk management activities to ensure that policies, procedures and practices are established for analyzing, evaluating and controlling risk
- H) Ensured the continued effectiveness of the quality management system and its processes

U.S. Department of Health and Human Services

FDA **U.S. FOOD & DRUG**
ADMINISTRATION

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Medical Devices

Home > Medical Devices > International Programs > Medical Device Single Audit Program (MDSAP)

Medical Device Single Audit Program (MDSAP)

MDSAP Documents

MDSAP International Regulations [English] (Australia, Brazil, Canada, Japan, and USA)

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p PIN IT

✉ EMAIL

🖨 PRINT

Australia

- [Therapeutic Goods \(Medical Devices\) Regulations 2002](#)

Brazil

- [Brazilian Health Surveillance Agency](#)
- [Resolution RDC 16 2013 \(PDF - 141KB\)](#)
- [Resolution RDC 23 2012 \(PDF - 26KB\)](#)
- [Resolution RDC 67 2009 \(PDF - 41KB\)](#)



Adobe Acrobat
Document



Auditing Organization Availability to Conduct MDSAP Audits

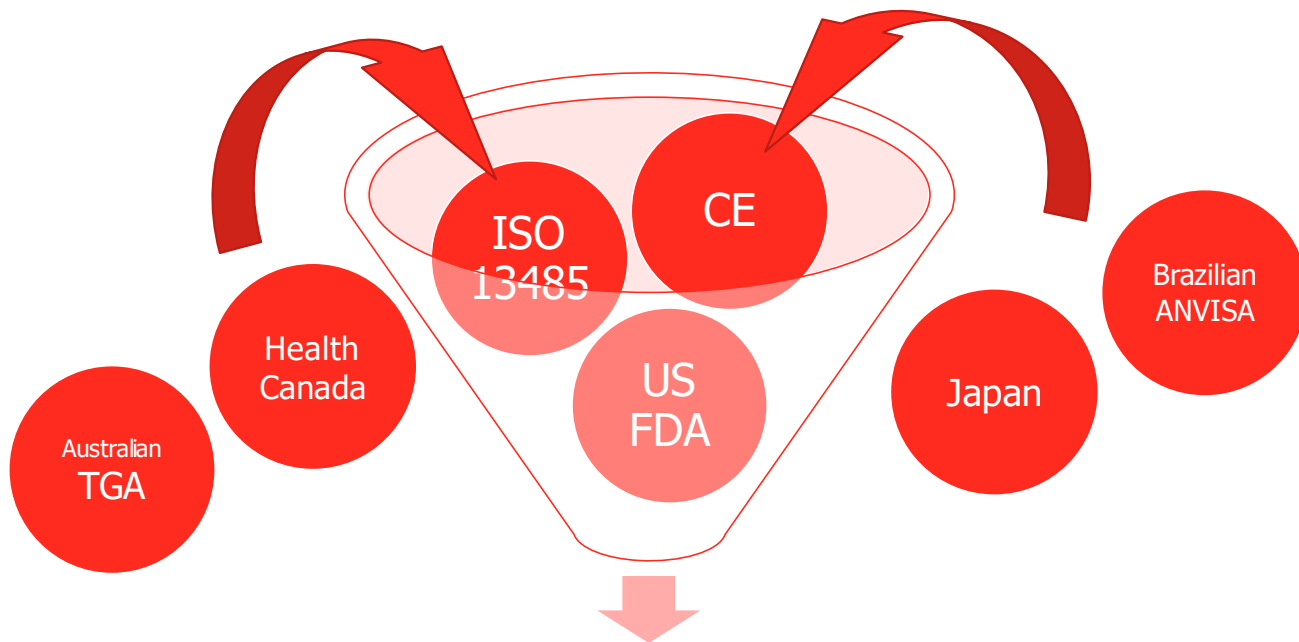
The organizations listed below submitted an application to the Medical Device Single Audit Program (MDSAP). The table specifies their status regarding their application, their authorization to conduct MDSAP audits, and their recognition.

Eligible Auditing Organization	Location	Contact	Application Received	Authorized to Conduct MDSAP Audits	Recognition
bsi.	BSI Group America Inc. 12950 Worldgate Drive, Suite 800, Herndon, VA 20170 USA http://www.bsigroup.com/en-US/ Critical Location Milton Keynes, UK	Patricia Murphy patricia.murphy@bsigroup.com +1 571 291 5726	Yes	Yes	Yes
DEKRA	DEKRA Certification B.V. Meander 1051 Arnhem, 6825 MJ Netherlands http://www.dekra.com/en/home	Brent Anderson Brent.Anderson@dekra.com +1 925 283 7535	Yes	Yes	Yes

Audit Cycle 稽核循環

- Three Year Audit Cycle(與ISO 13485相同)
 - Initial Audit (Stage One & Stage Two)
 - Surveillance Audits (Years 1 and 2)
 - Re-audit (Recertification Audit)
- Other Possible Audits
 - Special Audits
 - changes, nonconformances, suppliers, post-market issue follow-up
 - Audits by Regulatory Authorities
 - **Unannounced Audits**無預警現場稽核(與ISO 13485不同)

Requirements 要求





法規資訊

[東協市場概述](#)

[南亞市場概述](#)

[清真資訊](#)

[醫材市場](#)

[法規資訊](#)

[統計資料](#)

食品藥品相關

[印尼-食品進口法規簡介](#)

[保健食品及中西藥輸銷東南亞國家貿易障礙檢核表](#)

醫療器材相關

[醫材業者赴新南向國家參加醫療展相關規定及附件](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#)

[印尼-醫材法規簡介](#)

[印度-醫材法規簡介](#)

[菲律賓-醫材法規簡介與附件](#) [1](#) [2](#) [3](#)

[泰國-醫材法規簡介](#)

[越南-醫材法規簡介](#)

[馬來西亞-醫材法規簡介](#)

[緬甸-醫材法規簡介](#)

[澳洲-醫材法規簡介](#)

[新加坡-醫材法規簡介](#)

[柬埔寨-醫材法規簡介](#)

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Support from BSI



BSI - 值得信賴的國際認證品牌

全球佈局

全球服務據點



全球員工人數



全球客戶分佈

81,000

客戶

▶ 128,382
驗證地點數



182

國家

51
淨推薦值
Net Promoter
Score



Best in class NPS is a score over 50

51%
of Fortune
500

75%
of FTSE
100

68%
of Nikkei
Index

成果展現

標準發表數量

2,893



培訓學員

113,000

delegates trained



Kitemark

3,395

Licences issued



管理系統驗證

195,000

Number of days spent with
clients last year



醫療器材

24/25

的全球醫療器材製造商
選擇BSI作為其符合歐盟
指令CE標誌的認可機構



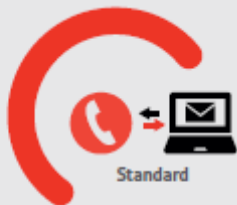
CE marking

7,063



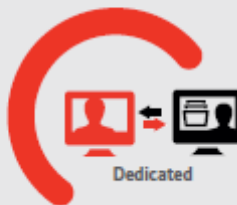
BSI CE marking 歐盟醫材法規-快速審核解決方案

BSI 承諾會提供全球市場最有經驗與有效的途徑。如果您想要保持競爭力或是處於市場領先地位，以下提供您所需要的『**醫療器材快速審核解決方案**』



CE-Standard

The CE-Standard review service allows you to work closely with your assigned BSI Product Expert on your product certification. These reviews are conducted remotely, with communication between you and your BSI Product Expert via phone and email, as required.



CE-Dedicated FastTrack

The CE-Dedicated FastTrack review service allows you to book your technical documentation review in advance. The service is conducted remotely with your BSI Product Expert, who uses the time allocated to your company to conduct a focused review of your technical documentation. This allows you to interact with your BSI expert, providing them information during the review. The CE-Dedicated FastTrack service improves the efficiency of the process, and provides predictability in your planning of the review.



CE-Onsite FastTrack

The CE-Onsite FastTrack review service is conducted at your premises; a BSI Product Expert visits the facility for a period of time. CE-Onsite FastTrack reviews allow for dynamic communications and opportunities for immediate responses to questions raised by the reviewer. Planning a CE-Onsite FastTrack review in advance provides you with more predictability and the reassurance of knowing when your BSI Product Expert will be at your premises.

BSI 專業醫材法規訓練課程規劃

Training Topics

CE marking

訓練課程

- Introduction to CE marking
- Medical Device CE marking
- Introduction to CE marking for In Vitro Diagnostics
- Application of the In Vitro Diagnostics Directive

ISO 13485

訓練課程

- Introduction to ISO 13485
- ISO 13485: Clause by Clause
- Implementing ISO 13485
- Internal Auditor ISO 13485
- Lead Auditor ISO 13485

ISO 13485

轉版課程

- ISO 13485:2016 Transition
- ISO 13485:2016 Auditor Refresher

BSI 專業醫材法規訓練課程規劃

Training Topics

Specialist Training

客製化課程

- MDSAP醫療器材單一稽核方案
- 醫療器材上市後監督和警戒系統
- ISO 14971風險管理應用
- ISO 14971 醫療器材風險管理/FMEA 失效模式分析
- 醫療器材製程確效
- Creating and Maintaining Compliant Technical Files and Design Dossiers
- Technical Files and Design Dossiers for In Vitro Diagnostics
- Performance Evaluation and Clinical Files for IVD
- Utilising Materials of Animal Origins
- CE marking with Medical Device Software
- Device-Drug Combinations

BSOL醫療器材標準法規資料庫

醫療器材相關標準共有4,100份(持續更新)

- 醫材通用標準
- 生物相容性標準
- 塑膠/橡膠類醫材標準
- 牙科類醫材標準
- 滅菌相關標準
- 機械/系統類醫材標準
- IMD相關標準
- AIMD相關標準
- 電子類醫材標準
- IVD相關標準
- 輔具類標準
- 醫材軟體標準



標準

訓練

驗證

BSOL 線上標準資料庫

- ✓ 訂閱BSOL是運用標準快速簡便的方法
- ✓ 降低追蹤及保留文件檔案的成本
- ✓ 降低使用過期文件的風險


25 份標準自選
125,000 元

超過96,000份
ISO, EN, BS, CEN,
CENELEC, ASTM &
IEC標準

4,100
份醫療器材
相關標準

BSI 醫療器材電子報：如何合法申請認證此處進入網頁；下載PDF說明書

bsi. Medical Devices ...making excellence a habit



MDSAP進行式之實用資源分享

醫療器材單一程序方案 (MDSAP) 的推行，對醫療器材製造商 (Auditing Organizations) 而言，是一項挑戰，但可得到許多好處。MDSAP 的推行，大體上可分為三個階段：1. 申請加入 MDSAP；2. 申請加入 MDSAP；3. 申請加入 MDSAP。其中加入 MDSAP 的申請，可分為兩種：1. 申請加入 MDSAP；2. 申請加入 MDSAP。其中加入 MDSAP 的申請，可分為兩種：1. 申請加入 MDSAP；2. 申請加入 MDSAP。



安全第一！審國際標準管控醫療產業

在 2016 年針對國際的認證標準事件，已大幅增加了 43% 的認證標準。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。

執行文章一 / 主編：針對醫療器材公司可參考化策安，包括：1. 策安；2. 策安；3. 策安。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。

執行文章二 / 主編：進一步介紹如何以實現 ISO 27799 國際標準，包括：1. 實現；2. 實現；3. 實現。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。

執行文章三 / 主編：進一步介紹如何以實現 ISO 27799 國際標準，包括：1. 實現；2. 實現；3. 實現。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。



支援文件轉檔-歐盟醫療器材法規 (MDSAP)

與歐盟醫療器材法規 (MDSAP) 的主編，包括：1. 主編；2. 主編；3. 主編。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。

更多 MDR 白皮書請點此下載

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BSI 醫療器材電子報：如何合法申請認證此處進入網頁；下載PDF說明書

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MDSAP、ISO 13485、MDR & IVDR 轉版，企業準備好了嗎？

當前正處於醫療器材製造商來說相當重要的時期，因為品質管理系統轉版到歐盟法規都將發生變動，持有 ISO 13485 及 CE 認證，及產品往歐洲、加拿大及澳洲等地區銷售的企業，持有這些認證的廠商將在轉版後面臨許多新的挑戰。為了順利在轉版後達成轉版，目前建議企業應立即進行 MDSAP 轉版，以符合歐盟法規的要求。MDSAP 轉版後，企業應立即進行 MDSAP 轉版，以符合歐盟法規的要求。



新版ISO 13485標準已與歐盟指令調和

歐盟官方公報已公佈了更新的標準指令，其中包括 BS EN ISO 13485:2016，因此現在 ISO 13485:2016 已經與 MDD、AIMDD 及 IVDR 調和。同時，對於醫療器材製造商來說，MDSAP 轉版後，企業應立即進行 MDSAP 轉版，以符合歐盟法規的要求。



BSI已提出申請成為MDR和IVDR公告單位

BSI 已向向英國政府的主管機關提交歐盟醫療器材法規 (MDR, Regulation (EU) 2017/745) 和歐盟醫療器材法規 (IVDR, Regulation (EU) 2017/746) 公告單位的申請。2017 年 11 月 26 日是開始申請成為 MDR/IVDR 公告單位的日期。BSI 還將提供申請表格及申請的公告單位 (Notified Body) 之一。以下為英國的主管機關：1. MHA 和可變委員會分別審查 BSI 的申請，並完成初步報告提交給歐盟委員會，然後向同樣對 BSI 做評估和審查。BSI 在法規轉版過程中將持續提供協助，以確保企業可順利公告單位 (Notified Body)，我們也將持續提供信息轉版後新法規的資訊，請企業密切關注相關法規。



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ISO 13485:2016轉版過渡期即將結束

新版 ISO 13485 醫療器材品質管理系統於 2016 年 2 月發布後，隨即開始三個月過渡期，從 2016 年 5 月 1 日起，所有 ISO 13485 轉版的企業，應在 2016 年 5 月 1 日前完成轉版。2016 年 5 月 1 日，所有 ISO 13485 轉版的企業，應在 2016 年 5 月 1 日前完成轉版。2016 年 5 月 1 日，所有 ISO 13485 轉版的企業，應在 2016 年 5 月 1 日前完成轉版。



一次了解歐盟醫療器材法規與MDSAP

醫療器材法規與歐盟法規的兩大議題是—CE 認證與歐盟醫療器材法規 (MDR & IVDR) 的推行。目前，歐盟醫療器材法規 (MDR & IVDR) 的推行，已成為醫療器材製造商面臨的重大挑戰。為了順利在轉版後達成轉版，目前建議企業應立即進行 MDSAP 轉版，以符合歐盟法規的要求。

光臨 BSI 並由主編親自為您講解：4/12 日 MDR/IVDR 新法 MDR/IVDR-MDSAP 與轉版定案 15/24 日 MDR/IVDR-MDSAP 與轉版定案 16/1 日 MDR/IVDR-MDSAP 與轉版定案



ISO 27799健康與醫療產業資訊安全管理

隨著醫療和醫療的高技術發展，近年來針對醫院的認證標準事件大幅增加，包括：1. 認證標準；2. 認證標準；3. 認證標準。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。

Healthcare 產業的服務、設備、器材、軟體等相關電氣、處理、利用商業個人資料的資料，因此如何保護個人信息安全，也是安全管理的一環。歐盟法規與各國法規的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。其中，主要是針對標準上認證的認證標準，包括：1. 認證標準；2. 認證標準；3. 認證標準。



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醫療器材電子報

醫療器材電子報，提供醫療器材製造商、經銷商及醫院、BSI Global MDSAP 轉版資訊。訂閱醫療器材電子報，可獲得最新法規、標準、認證資訊。訂閱醫療器材電子報，可獲得最新法規、標準、認證資訊。

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IF YOU WANT TO GO FAST, GO ALONE.

IF YOU WANT TO GO FAR, GO TOGETHER.

- African Proverb

GO WITH BSI!





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Chris Lee 李宗晏

Manager , BSI Taiwan Business Solutions Department

0931 886 633 **Chrisc.Lee@bsigroup.com**