

DCH Auriga **GO SMART** with GS1 DataMatrix Standard & GS1 HK Academy



Go Smart

DCH Auriga Hong Kong 奧利佳香港

Ensuring Safety and Trust in COVID-19 Vaccination 確保新冠肺炎疫苗的安全及信任



About the Company 公司簡介

DCH Auriga is an Asian-based integrated market management provider specialising in healthcare, aiming to connect the world's leading healthcare and life sciences companies to care providers and patients across Asia, with a comprehensive range of responsible and effective market management solutions..

綜合營銷管理服務供應商奧利佳總部設於亞洲，專門從事醫藥保健業務。透過一系列可靠而有效的市場管理解決方案，公司旨在讓領先全球的醫藥保健及生命科學公司，聯繫到全亞洲護理服務供應商及求診人士。

Background 背景

Being selected to manage the storage and delivery of the Pfizer BioNTech COVID-19 vaccine and the Sinovac vaccine in Hong Kong, DCH Auriga, one of the largest healthcare distributors in Hong Kong, has made good use of its specialty cold chain expertise and unique healthcare-dedicated infrastructure that warrant an end-to-end supply chain solution throughout the project.

For the temperature sensitive Pfizer BioNTech vaccine, they were packed in dry ice in thermal boxes designed to keep the vials at below -70 °C. The boxes are equipped with data loggers that monitor the temperature from source to destination, ensuring the vaccine is kept at ultra-low temperature. Having made very detailed preparations in full accordance with the requirements set by the drug manufacturers and the Government, DCH Auriga decided to take one step further to enable fast, efficient and safe distribution and administration of vaccines.

作為香港最大的醫療保健品分銷商之一，奧利佳獲委任去負責輝瑞復星醫藥與BioNTech的復必泰疫苗和科興疫苗在本港的儲存和配送工作。憑藉獨到的冷鏈專業知識，以及專為醫療行業而設的基建，奧利佳切實保障了點到點的疫苗供應鏈安全。

對溫度變化異常敏感的輝瑞BioNTech復必泰疫苗，會被包裝於攝氏零下70°C以下的乾冰保溫箱內。保溫箱已設置數據記錄儀，全程監察從源頭運送到最終倉庫目的地的溫度，持續確保疫苗被存於超低溫狀態。經過事前仔細規劃準備、按照政府及藥品製造商要求去管理疫苗，奧利佳決定更進一步，推動迅速、高效、安全的疫苗發送及接種。

“GS1 Datamatrix standard serves as an effective component for enhancing track and trace visibility on COVID-19 vaccines distribution, improving significantly both data accuracy and time saving comparing to traditional linear barcode. It is also essential for health care providers to administer vaccines with confidence and improve the supply chain efficiency.”

「GS1 DataMatrix標準是提升新冠肺炎疫苗配送及追蹤能見度的關鍵元素，與傳統條碼相比，大大改善數據準確度和減省時間；同時讓醫護人員在接種疫苗時更有信心，亦增加了供應鏈效率。」



Harris Kwok,
Assistant General Manager,
Operations
營運助理總經理 Harris Kwok

GS1 standards used or solution (s) / service (s) applied

- GS1 DataMatrix
- GS1 HK Academy: Customised Training

應用的GS1標準或方案/服務

- GS1 DataMatrix
- GS1 HK學院：特設課程



Solutions

Before the deep-frozen Comirnaty vaccine is delivered to a vaccination centre or an outpatient clinic, it has to be thawed for 3 hours. DCH Auriga would add a unique GS1 2D barcode label (GS1 DataMatrix) during repacking, and pick each order of vaccine after thawing in a 2 - 8°C cold room before the delivery. The company would programme the important product details and thawing information into the Datamatrix barcode as well as secondary redressing into vaccine vials before distribution.

Vaccine identification label like GS1 DataMatrix is essential for healthcare stakeholders to uniquely identify and track-and-trace each dose, from delivery to point of inoculation. It brings transparency and helps to improve logistics coordination and validation, decreasing the risk of date expiration and vaccine diversion.

Embracing GS1 standards adds an element of trust at all levels of the supply chain—a trust that ultimately extends to the patients themselves. For this reason, the World Health Organisation (WHO) recommends that all vaccines be identified with identification information in a standardized barcode.

DCH Auriga executives also joined the tailor-made training course hosted by GS1 HK Academy, to learn the new technologies, requirements and skills in the ever-changing healthcare operational and regulatory environment. Designed to be practical, the training enables the participants to quickly adapt to changes and create real value for their clients.

Benefits

The GS1 Datamatrix standard and related training benefited DCH Auriga with:

1. Bring end-to-end visibility to vaccine supply chain that help to reduce vaccination risks
2. Elevate trust among stakeholders
3. Upgrade company staff know-how efficiently in the fast-paced operations

解決方案

在將冷凍了的復必泰疫苗送到疫苗接種中心或門診前，需預先解凍3小時。公司團隊會在重新包裝時加上獨一無二的GS1二維碼標籤GS1 DataMatrix，在攝氏2至8度的冷凍環境解凍，並根據每單指示揀好貨量送貨。派送前，奧利佳會將重要的疫苗資料及解凍數據記錄在DataMatrix標籤中，貼在疫苗的二次包裝上。

應用GS1 DataMatrix作為疫苗識別對醫療業界持份者十分重要，除了方便獨有辨識，並於供應鏈從運送到疫苗接種等每個點都做好追蹤追溯。項目能提升供應鏈透明度及加快物流查證和配送，繼而減低疫苗錯配、過期及假疫苗的風險。

廣泛採用GS1標準，不但可全面加强供應鏈上各層的可信度，更重要是提升病人的信任。因此世界衛生組織(WHO)建議所有疫苗都需要使用標準條碼作獨有識別。

奧利佳管理層參與了由GS1 HK學院為其度身訂造的培訓，掌握最新科技、要求及技術以應對瞬息萬變的醫療營運和監管環境。GS1 HK的課程設計實用，讓學員具備迅速回應市場的能力，為其客戶創造實質價值。

效益

GS1 DataMatrix標準及相關培訓讓奧利佳受惠：

1. 為疫苗供應鏈帶來點到點的能見度，有助降低疫苗接種風險
2. 促進持份者之間的信任
3. 在日新月異的環境中有效提升公司員工的專業知識

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