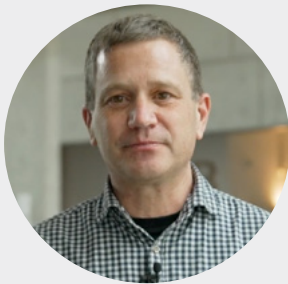


From the Connected Medication Management vision to reality

Experience Sharing

Vicent Moncho Mas is the Chief Information Officer at Marina Salud Hospital, Spain. In his interview, he shares with us his experience of achieving HIMSS Electronic Medical Record Adoption Model stage 7 as one of the first centers in the world outside the United States, and how using the connected medication management vision over time supports the hospital transformation.



"Marina Salud has always sought the excellence in care delivery and winning the HIMSS Enterprise Davies award confirms that we are working in the right direction"

Vicent Moncho Mas

CHIEF INFORMATION OFFICER AT MARINA SALUD HOSPITAL

Could you share with us why effective medication management is crucial for hospitals?

Vicent: Thanks for having me. It's no secret that effective medication management is vital for hospitals to run efficient daily operations and improving patient safety. **Medication errors can have serious consequences** for patients, ranging from adverse reactions to even life-threatening situations. **Additionally, medication management plays a significant role in optimizing hospital workflows and ensuring smooth processes** throughout the organization and the standardisation of care.

What were the specific challenges Marina Salud Hospital faced with its medication management processes before implementing BD's Connected Medication Management?

Vicent: At Marina Salud Hospital, we were heavily reliant on paper-based

records and manual medication processes. This made it **difficult to trace and track medication errors accurately**, leading to potential risks for patients. The **lack of easy access to information made it challenging** for staff to identify potential mistakes and manage data effectively. We recognized the need to modernize and streamline our approach.

How did Marina Salud Hospital address these challenges with the implementation of the Connected Medication Management?

Vicent: Our primary goals with Connected Medication Management were to **make fewer medication errors, better assist staff in their daily tasks, and improve data management and analytics** for hospital executives. We leveraged informatics and analytics to boost our decision-making process in both clinical and financial domains. For example, we set up medication decision trees

based on clinical information, allowing clinicians to select from prepared screens when prescribing treatments to patients. This simplified formulary management across the hospital.

What is an example of how the Connected Medication Management strategy was applied in a specific area?

Vicent: In our oncology ward, we **implemented a compounding solution with chemotherapy-prescribing software and a barcode scanning process** to identify patients and their treatments. This new process greatly improved patient safety and reduced errors. Nurses quickly adapted to the new way of working, instilling confidence in the staff and patients alike.



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How has automation and digitalization transformed medication management at Marina Salud Hospital?

Vicent: With the implementation of the Connected Medication Management strategy, **medications in our hospital network can now be managed through automated dispensing cabinets** (BD Pyxis™ Medstation™ ES), and our logistical processes are fully automated. This allows us to efficiently manage all operations with just seven staff members overseeing the hospital and 24 primary care facilities. The cabinets automatically send orders when safety stock levels are reached, reducing the need for large stockpiles and minimizing dependence on staff for the re-ordering process. **This has allowed us to implement a "less than one week" stock policy** in the wards without risking medication availability, reducing wastage, and improving cash flow.

Collaboration and experience are vital in achieving changes. How did Marina Salud engage with experts and consultants to drive the implementation of this strategy?

Vicent: We recognized the need for outside expertise since our team lacked experience in this area at the beginning. **Working with experts and consultants allowed us to engage in a collaborative process to understand the challenges and needs associated with the implementation of the Connected Medication Management strategy.** This consultative approach helped us convince our staff to embrace the change. It's important to explain to both staff and patients why these

changes are necessary and how they will benefit everyone involved.

Finally, how has the adoption of the Connected Medication Management strategy transformed Marina Salud Hospital's approach to medication management?

Vicent: The adoption of the Connected Medication Management strategy has truly revolutionized our approach to medication management at Marina Salud and contributes achieving HIMSS Electronic Medical Record Adoption Model stage 7 as one of the first centers in the world outside the United States. **It has become our new way of working, streamlining, automating, and digitalizing most steps of the medication management process, from prescription to administration.**

As a result, we have seen a significant reduction in medication errors and an increase in the quality of care provided to our patients. **The integration of informatics, analytics, and automation has improved decision-making processes in both clinical and financial domains,** enabling us to optimize our resources and enhance patient safety. Overall, the Connected Medication Management strategy has brought about positive changes that have positively impacted our hospital operations and the well-being of our patients.

Thank you to Vicent Moncho Mas for taking the time to speak to us!

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