Boston Scientific | ADVANTICS™ Innovative Healthcare Solutions

CASE STUDY – ADVANTICS™ Operational productivity with ezPro

Improving Inventory Management to Relieve Staff Burden and Save Resources

Insights.
Collaboration.
Impact.

Advancing partnership
for better outcomes



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EXECUTIVE SUMMARY



Client

Casa di Cura Maria Rosaria Hospital, Pompei, Italy

Innovative **reference facility** in the Campania region

Medium-sized hospital with 150 beds

Challenges

1. Manual stock management across supply chain, duplicative administration and high margin of error
2. Excessive purchase orders and invoices
3. 595 annual reintegration orders

Deployed Solutions

Full supply chain integration through

Fee per Procedure (FPP) model

+

ezPro system integration.

Impactful Outcomes

88% Time Reduction

87% Order Reduction

5% Cost Reduction

About the Hospital

Founded in 1949, the CDC Maria Rosaria centre in Pompei is a private clinic accredited by the SSN (National Health System) in Italy. A medium-sized centre, it is equipped with 150 beds for ordinary and day hospitalizations, with 100 for affiliated patients and 50 allotted for private care.

The facility includes 11 different departments such as Vascular Surgery, Cardiology, Nephrology, and Urology, with 4 operating rooms and 9 dialysis centers.

Today, CDC Maria Rosaria Clinic is an important reference in the Campania region and considered an innovative facility supplied with the latest equipment.





Customer Challenges

Up until 2021, CDC Maria Rosaria Clinic relied solely on manual systems to manage its product supply chain for Vascular Surgery, as well as the related administrative processes like replenishment orders, purchase orders and inventory.

These systems yielded long, difficult management and administrative processes with significant overlap among teams, as well as ample room for manual error. Various types of products were managed differently, which was time consuming and produced a high number of purchase orders and invoices.

In terms of volume, approximately 595 reintegration orders were executed through manual entry each year.

Overall, the processes were not optimized for the staff, requiring significant time and manual effort to carry out and detracting resources from patient care.

Deployed Solutions

Boston Scientific's ADVANTICS™ Operational productivity with ezPro provided a straightforward path to improving the Clinic's supply chain management. As a flexible, modular solution, ezPro can be used for a facility's entire supply chain process or it can be customized to be used only for part of the process. The team at Maria Rosaria Clinic were able to integrate the full solution into their systems.

BSC's Healthcare Solutions & Partnership consultants oversaw the set-up of the full supply-chain solution, with features that:

- Promote the Fee Per Procedure (FPP) model with packaged products.
- Improve the optimization of administrative activities and warehouse management through the implementation of integrated processes.
- Automate replenishment orders.
- Generate purchase orders and invoices.
- Integrate products into the ezPro system through either a Fee per Procedure model or undefined variable procedure price model.
- Track all steps in the supply chain and enhance traceability.

Impactful Outcomes

Through a very fluid collaboration between Boston Scientific and Clinic teams, the ADVANTICS™ Operational productivity with ezPro solution was fully implemented very quickly. The activity was initiated within one month from the start of the project, while the full integration of the solution has been finalized within 6 months, through several phases: platform setup, operator training, launch of the solution, and integration with the centre's IT system. The Clinic and its operators were thrilled to leverage the new digital solution, making its implementation seamless.

Operational Productivity

Through automation and optimization, the ADVANTICS™ ezPro solution brought several major benefits to the Clinic:

1 **Time Reduction**

87% reduction

Of time in management of warehouse, product and administrative processes, representing over 200 hours saved per year

2 **Cost Reduction**

– 5%

Cost savings utilizing the Fee per Procedure model compared to a standard billing model, as well as optimized VAT rates

3 **Fewer Errors**

Limitation of reporting errors inherent to complex manual procedures

4 **Enhanced transparency**

Complete inventory transparency of stock levels and expiry dates for augmented tracking

5 **Fewer shipments and deliveries**

Diminished environmental impact due to fewer individual orders placed, thus fewer shipments and deliveries

"ADVANTICS ezPro has enabled an optimization of our supply chain management processes, through a strong push towards digitalization. This led to an improved efficiency of the Clinic, allowing us to provide the best possible experience to our patients".

Dr. Luca Empireo
General Director

"It is an excellent solution in terms of control of costs and our activities, and above all for the warehouse management, which was simplified and optimized".

Dr. Filippo Avellino
Clinical Operations Lead

ADVANTICS™ solutions



HELPING YOU TO
Achieve financial sustainability



HELPING YOU TO
Elevate efficiency in every step along the care pathway



HELPING YOU TO
Treat the right patient at the right time



HELPING YOU TO
Put the patient at the centre

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