

Set new standards with next-level customised solutions Mölnlycke® Procedure Trays

Wetzikon Hospital estimates that each operation is about 15 minutes quicker due to the shorter preparation time.

‘There aren’t many supplier who can offer complete trays of this kind.’

Stefan Baumleitner, Head of Purchasing and Procurement



‘We have an excellent collaboration with Mölnlycke®. The pathways are very short. As a result of these trays we have been able to achieve the optimisation of our own procedures. We have achieved a standartisation which has had only a positive effect on our entire workflow.’

Dr. Alexander Gogos, Head Surgeon

‘I assess the quality of Mölnlycke products as extremely high – with regards to both the instruments and the materials.’

PD Dr. Daniel Frey, Senior Consultant and Head of the Surgery Department





About the GZO Spital Wetzikon

Founded in 1910, the Wetzikon Hospital is a 170-bed hospital with several specialist areas. With approximately 950 staff, the hospital offers high-performance, holistic medical care to over 55.000 patients per year from the Zurich Highlands (Oberland). The number of operations carried out annually is roughly 4.500 in the fields of general surgery and bariatric surgery in the treatment of obesity. The Wetzikon Hospital holds itself to the most up-to-date scientific standards, with a holistic perspective on the treatment and care of patients. As an academic teaching hospital of the University of Zurich, education plays an important role at the GZO.

Key Actions & Achievements

- Three different procedure trays with sterile components developed
- Each individual operation is now quicker by about 15 minutes



Custom-building procedure trays together

The GZO has used a variety of products from Mölnlycke® over the past ten years, and the surgeons and nursing staff have developed great confidence in the quality of Mölnlycke's range of products. Around the time that Mölnlycke was first developing its procedure-specific sets (also known as procedure trays), the GZO was also searching for more efficient solutions. The two organisations joined forces to develop custom-built procedure trays for the GZO, adapted to the hospital's specific requirements.

'We decided on the individual composition of the trays together with Mölnlycke. On our side of things, the whole team was involved, surgeons as well as the operating nursing staff. That was very important for ensuring that all the various requirements would be incorporated into these sets', explains Dr. Alexander Gogos, Head Surgeon, regarding the development process.

Over 5.000 components from the Mölnlycke product portfolio were available for selection and composition of the procedure trays. Ultimately three different procedure trays with sterile single use components we developed for the GZO, optimised for cholecystectomy, appendectomy, and inguinal hernia laparoscopic interventions.

Extremely high quality and reliability

Following a test phase, the intervention-specific trays were put into practice for daily operations at the GZO at the end of 2017. The hospital had tested some competitors'

products prior to this, enabling a comparison. PD Dr. Daniel Frey, Senior Consultant and Head of the Surgery Department, describes the results of these comparisons: 'I assess the quality of Mölnlycke® products as extremely high – both the instruments and the covering materials. We have tested other providers. We were in some cases really shocked by the quality of these other products. Poor quality can be dangerous for patients, and in addition, infections and sterility problems can be extremely expensive due to the necessary follow-up treatments. Naturally, we would rather avoid that'.

Due to the improved sterility of the single-use components, patient safety is further enhanced in comparison to the multi-use instruments, since these cannot be brought up to the level of single-use components even through the use of the most modern sterilisation methods. 'And single-use scissors are always sharp – multi-use ones practically never,' adds Dr. Frey.

The high reliability and product quality of all Mölnlycke products were important criterion in the decision process. Implementing the procedure sets also enabled the hospital to optimise processes and standardise procedures and components, saving time and costs.

As a result, because the procedure trays were adapted for the various interventions, the procedures for the operating nursing staff were significantly streamlined. The steps required were also reduced, since staff could simply reach for a tray instead of having to assemble individual components for a specific operation. Now, the operating nursing staff have everything required for the specific intervention in a single package. Wetzikon Hospital estimates that each individual operation has been reduced by about 15 minutes because of the shorter preparation time. This saves an enormous amount of time, especially when this savings is calculated across all operations.

Unique benefits for procurement and logistics

Stefan Baumleitner, Head of Purchasing and Procurement at GZO, assesses the advantages of Mölnlycke trays from a different perspective. The GZO Wetzikon is a member of GEBLOG (Health Services Procurement and Logistics), to which 33 hospitals in various German-Swiss regions belong. Procurement is centralised for these hospitals through GEBLOG, and the costs remain transparent. Individual hospitals notify GEBLOG of their medical care needs, and these are then calculated according to the item, whereby set-up costs are also included for each item.

This is what really illustrates the cost benefits of Mölnlycke trays, according to Mr. Baumleitner. The trays contain a multitude of components, but the set-up costs only count once for each tray. Thus the GZO saves quite a lot of costs with Mölnlycke trays compared to the demand for individual components. In addition there is less total packaging, compared to individually packed components or less comprehensive sets.

Says Mr. Baumleitner: 'There aren't many suppliers who can offer complete trays of this kind.' Dr. Frey concurs that, up until now, only Mölnlycke has been able to offer procedure trays of such high quality.

A single, practical, cost-effective package

In developing the procedure sets for laparoscopy, it was important for the hospital to have a competent, engaged manufacturer on its side. 'Mölnlycke staff are innovative and competent, and listen very well,' says Dr. Frey.

Dr. Gogos adds: 'We have an excellent collaboration with Mölnlycke. The pathways are very short. As a result of these trays we have been able to achieve the optimisation of our own procedures. We have achieved a standardisation which has had only a positive effect on our entire workflow.'

Both surgeons confirm that they would like to have other procedure sets for other interventions in the near future, and would like to discuss these with Mölnlycke.

As a result of this, the Wetzikon Hospital is well on the way to becoming a reference hospital, when it comes to procedure trays with intervention instruments. Cost pressures are very high. The enormous savings potential of Mölnlycke procedure trays supports efficient cost management, without any compromise to quality and patient safety.

Customised solutions for laparoscopy from Mölnlycke bring intervention-specific solutions to the next level. For the GZO, the result is an individually-adapted laparoscopic solution, with everything required for a specific intervention, in a single, practical, and cost-effective package.



Key benefits

- Trays contain a multiple of components, but the set-up costs only count once for each tray
- Standardised, optimised workflow
- Less total packaging waste
- Unprecedented time and cost savings





Mölnlycke® Procedure Trays

To help hospitals standardise and optimise their laparoscopic procedures, Mölnlycke® offers the possibility to add single-use surgical instruments and essential surgical components to its customised Procedure Trays, conveniently packed together with the laparoscopic drapes, gowns and protective clothing, gloves, antiseptics and post-op dressings. A wide range of high-quality instruments and materials is available, for inclusion as required.

A quick and easy set-up of each intervention is one of the major benefits: using Mölnlycke Procedure Trays allows up to 40%¹ reduction in the complete preparation time, from placing the order all the way through to waste

removal, and may lead to an increase of procedures per year by 18%. With fewer packages to open, the amount of waste is managed. The increased efficiency results in reduced product spending and lower logistics costs.

The Procedure Trays come with extensive support. Mölnlycke laparoscopic specialists are on call to offer professional advice and customers are also offered access to the Mölnlycke® Tray portal. Containing a value calculator, this online procedure-tray tool helps them to develop, analyse, change and estimate purchases of customised trays.

If you would like to learn more about Mölnlycke Procedure Trays, please contact your local representative at:

Reference: 1. Greiling., M. A multinational case study to evaluate and quantify time-saving by using custom procedure trays for operating room efficiency. Data presented at the 23rd Congress of the European Association of Hospital Managers, Zurich, Switzerland, September, 2010 (poster)

Find out more at www.molnlycke.com

Mölnlycke Health Care AB, P.O. Box 13080, Gamlestadsvägen 3 C, SE-402 52 Göteborg, Sweden. Phone + 46 31 722 30 00
The Mölnlycke trademark, name and logo is registered globally to one or more of the Mölnlycke Health Care group of companies. ©2019 Mölnlycke Health Care AB. All rights reserved. HQIM000819

Mölnlycke®