

# Mölnlycke® procedure trays brings more efficiency and comfort to surgical department

More time to take up training and coach trainees<sup>1</sup>



'Since the introduction of Mölnlycke procedure trays we have progressively increased the number of interventions for which they are used by 37,5% i.e. hip, hand and pacemaker operations.'<sup>1</sup>

Delphine Chastan, O.R. Manager



'The INCISO<sup>2</sup> study that we conducted in 2008 did not reveal any surgical site infections when using Mölnlycke procedure trays<sup>2</sup>, and I have gone from 40 operations per week without the trays to 55 to 60 with them.'<sup>1</sup>

Dr. Michel Ebelin,  
Orthopaedic Hand Surgeon

'Using Mölnlycke procedure trays took us into a new era in implant surgery.'

Dr. Joël Sebbah, Cardiologist



'The strengths of Mölnlycke procedure trays are reliability, safety and quality of the components.'

Cathérine Laurent, O.R. nurse





Hôpital des Peupliers in Paris (HPP) has seen a global increase of 37,5% in the number of interventions for which Mölnlycke® procedure trays are used, i.e. hip, hand and pacemaker operations. O.R. staff have more time to coach trainees and undertake more training themselves, thanks to increased workflow efficiency. They have also found a new, reliable partner in Mölnlycke and its surgical specialists to support them.

#### Benefits of using Mölnlycke procedure trays in the O.R.:

- Economic benefits (single supplier, easier stock management, timely delivery, rapid adaptation to changing needs, less waste)
- Practical benefits (convenience, ease of handling)
- Quality components
- Compliance with asepsis routines and guidelines
- Time gains (workflow efficiency, correct composition, fast pre-operative setup, fast post-operative cleanup)
- Patient safety (zero post-operative infections)
- Traceability (linked to the patient)

#### Why the hospital chose Mölnlycke as a partner:

- Multidisciplinary team
- Partnership with the O.R. team
- Advice on configuration design adapted to the individual needs of surgeons
- Availability of Mölnlycke staff
- Reliability
- Punctuality
- Friendliness

#### Hôpital des Peupliers in Paris 2008:

- 250 beds
- 14 000 surgical interventions per year, including:
  - Hip/knee surgery (256/year)
  - Hand surgery (2 668/year)
  - Pacemaker operations (1 275 year)

Almost a century old and recently privatized, the Paris-based Hôpital des Peupliers (HPP) has developed a new medical vision for the first decade of the new century. Two key activities spearhead the hospital's approach: oncology in all stages of the admission, and from any technical approach, and pathologies of the musculoskeletal system. Ambulant surgery is also being strengthened.

#### Increased efficiencies with the same staff resources

HPP was already one of France's foremost oncology centers when it became a private hospital in 2006. The surgical department started using Mölnlycke procedure trays for hip, hand and pacemaker surgery 18 months ago, in its eight operating rooms. In 2008, the department performed approximately 4200 interventions in these three specialties. 'An increase of 37,5% in volume since the introduction of the procedure trays,'<sup>1</sup> says O.R. Manager Delphine Chastan. 'This is the result of time gains between entry and departure of the patient in the O.R. of between 10 and 15% depending on the type of intervention.'<sup>1</sup> Because patient stays in the O.R. are shortened, infection risk reduces considerably. The INCISO study that we conducted in 2008 did not reveal any surgical site infections.'<sup>2</sup>

#### 'A new era' for implant surgery

Cardiologist Dr. Joël Sebbah, confirms the asepsis benefits: 'As well as benefits in terms of materials management and time savings, we have seen substantial gains in the field of patient safety. With cardiac implants we are extremely aware of the infection risk and for some years, we have made considerable efforts in this field. Using Mölnlycke procedure trays, we have stepped into a new era. We don't need to rush to find the right equipment and we also save time. This brings a certain calm during the intervention, resulting in improved safety, particularly to the patient. The shorter the patients stay in the O.R., the less likely they are to get an infection.'

#### Comfort that matters

Improved patient care goes hand in hand with improved staff wellbeing, because the number of staff remains unchanged while the workflows are optimized. In addition, the higher efficiency frees up more time to coach trainees, or to follow courses. The reliability created by Mölnlycke procedure trays creates an important level of comfort. Cathérine Laurent is an experienced O.R. nurse: 'Using the Mölnlycke procedure trays results in reliability, safety and

time savings. Instead of opening 10 packages, an O.R. nurse now only needs to open a single one and this is very convenient to us. We also know that the use of the tray is safe, delivery is reliable and each component can be traced. Components are of very good quality and the whole tray is easy to manipulate. This all matters to us.'

The implementation process of the Mölnlycke® procedure trays solution is a critical factor for success. With a strong track record in converting hospitals from working with reusable textile drapes and gowns to single-use drapes and gowns and being the European leader in custom procedure trays, Mölnlycke has unique experience of enabling effective implementations. Hôpital des Peupliers was supported by a multi-disciplinary team from the company. This team provided an analysis of pre-operative O.R. activity and advice on logistics, ordering, and which procedures to prioritize based on experience and relevant benchmarks. Mölnlycke also supported the hospital in defining its needs and selecting the right components for each procedure, as well as providing on-site training and supporting tray changes to align with specific surgical needs. Following the implementation, Mölnlycke has shown a high quality and reliability in deliveries; after 18 months of use, there has only been one complaint registered (about the wrapping).

O.R. Manager, Delphine Chastan, sees some important benefits in working with Mölnlycke to implement procedure trays: 'Mölnlycke is an enabling factor, promoting exchange within the surgical teams: we were all gathered around the table, surgeons, nursing staff and logistics personnel, in partnership with Mölnlycke, to discuss the advantages and disadvantages, and specification of the Mölnlycke procedure trays. Surgeons greatly appreciated their involvement, having the opportunity to give their advice on the configuration and the choice of materials for the trays and also on the cost involved. They are very sensitive to this, just as they are to the time gains.'

'As an orthopaedic hand surgeon, I strongly appreciate the use of Mölnlycke procedure trays,' says Dr Michel Ebelin. 'They are exactly adapted to my needs, and they are practical, easy to use, safe and reliable. We have not had a single post-operative infection since we began using them and I have gone from 40 operations per week without Mölnlycke procedure trays to 55 to 60 with them.'

## Mölnlycke® procedure trays at your fingertips



- Reliable delivery



- Convenience, ease of handling



- Traceability



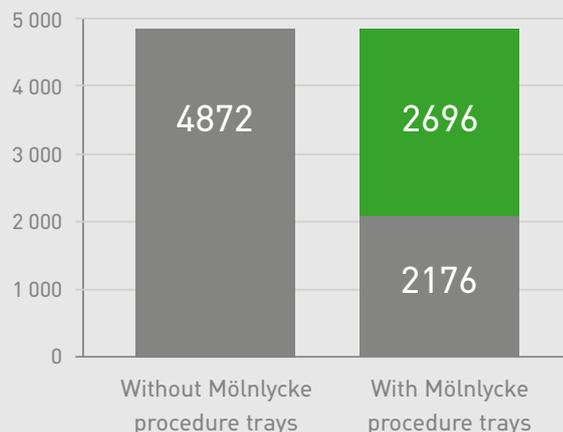
- Quality components



- Compliance with asepsis routines and guidelines

### Total time gain after introducing the Mölnlycke procedure trays for hand / hip surgery and pacemaker insertion<sup>1</sup>

Time in hours for one year of activity in the operating room



**- 2696h**  
= 385 working days  
(7 hours per day)

- 3 Mölnlycke procedure trays trays are used for a total of 4199 interventions per year
- Total time gain of 55%, of which 97% is in the operating room
- In the OR, the average time gain per intervention is 36 minutes



'We appreciate the availability of the Mölnlycke® staff, their reliability, punctuality and friendliness.'

Cathérine Laurent, O.R. nurse

'It is extremely important to have a partner that we can rely on to adapt the composition of trays as our operating techniques change.'

Dr. Joël Sebbah, Cardiologist



'Our relationship with Mölnlycke has always been simple, efficient, reactive and fruitful.'

Dr. Michel Ebelin,  
Orthopaedic Hand Surgeon



'Mölnlycke is an enabling factor, promoting exchange within the surgical teams.'

Delphine Chastan, O.R. Manager

References: 1. The results in this report are based on factors unique to the hospital, subject to change based on characteristics of facility, including but not limited to its size, usage, and habits. These results are in no way guaranteed by Mölnlycke. 2. INCISO study conducted at Hôpital Privé des Peupliers, Paris, in 2008

Find out more at [www.molnlycke.com](http://www.molnlycke.com)

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