

GETINGE ✱

# Life

#2 2020

A magazine from Getinge.

**Sustainability starts with everyday decisions**  
Even for a large company like Getinge

**EcoDesign**  
Being mindful with the Earth's resources

**Health begins with clean water**  
– But one in four hospitals lack access



### Getinge manufacturing sites



- 1 USA**  
Mahwah  
Merrimack  
Wayne
- 2 FRANCE**  
Ardon  
La Ciotat  
Tournefeuille  
Vendome
- 3 GERMANY**  
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- 7 TURKEY**  
Ankara  
Antalya
- 8 CHINA**  
Suzhou

# Balancing a long-term plan

Welcome to Life Magazine #2, this time with full focus on sustainability.

**For the first** time ever in the history of Life Magazine, we are opening up for an external audience. I would warmly like to welcome both old and new readers to come along as we put the spotlight on one of Getinge’s absolute top priority areas – sustainability.

Regardless of which industry you are in, acting sustainable is important. At Getinge, we are dealing directly with medical devices designed to save lives. For us acting sustainable is crucial, but also to have the right balance since we can never compromise on quality or patient safety – it always comes first.

For me, sustainability is something you need to focus on long-term. It includes our entire society but activities need to adapt depending on location, since there is no solution that fits all. What is an issue in one part of the world does not necessarily need to be an issue somewhere else.

**On the following** pages, you get to read about challenges and different sustainability activities going on at Getinge. You will hear from our teams who work with EcoDesign, learn what it takes to make health care affordable for more people and will look into our collaborations with WaterAid and Pratham.

Many of us reflect on sustainability – what it actually means and how we can contribute more. Perhaps especially now, as we have a pandemic spreading across the world. My best advice when it comes to acting sustainable is to take responsibility and dare to take action. If we all provide our input, it will be easier to get rid of the blind spots; we will get the fuller picture of what needs to be improved. In addition, we can think about how we act in our private lives and what matters to us, and try to apply the same behavior also at work. Together, we can make a big difference. ○

Enjoy the read!

**Lena Hagman,**  
Executive Vice President Quality  
Regulatory Compliance & Managing  
Director Cardiopulmonary at Getinge.



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**Publisher:**

Anna Appelqvist +46 10 335 59 06  
anna.appelqvist@getinge.com

**Editor-in-chief:**

Karin Makarow +49 171 8786012  
karin.makarow@getinge.com

**Editors:**

Caroline Örmgard  
Karin Makarow

**Contact:**

life@getinge.com

**Production:**

OTW

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**Photos:**

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# Challenges of today and tomorrow

With a growing global population that lives longer, more strain is put on shared resources and health care. According to the World Health Organization (WHO), lifestyle diseases such as cardiovascular diseases are among the primary causes of death globally. Here are some of the challenges Getinge wants to help solve today, and in the future.



### HIGHER DEMANDS ON HEALTH CARE

Global demographic changes are leading to an increased need for advanced health care. The world's population is getting older and more people need efficient medical care. This affects the health care systems and national budgets all over the world. Together with its customers, Getinge is committed to contribute to a more efficient health care, freeing up resources for the treatment of more patients. One of the goals within this field is to improve the efficiency to such length so that one more procedure per day can be conducted in every operating room.



### LIMITED RESOURCES OF THE PLANET

Extraction of the Earth's resources has more than tripled since 1970. For example, non-metallic minerals have seen a 500 per cent increase in use, and fossil fuel use has almost doubled. By this rate, global material use could double to 190 billion tons by 2060. As the planet's resources are limited, this is of course not sustainable. Plus, it affects biodiversity.

Contributing to a more sustainable society is one of Getinge's commitments. This is done, for example, by applying EcoDesign principals in product design and development. The goal is to minimize the environmental impact of the company's products throughout their entire life cycle.



### LACK OF CLEAN WATER

Water is fundamental for human existence, and also vital for health care. Every day, thousands of people all over the world get ill because they do not have access to clean water. And as many hospitals also lack access to clean water, there is a risk for infections when patients seek treatment.

Getinge strongly believes that saving lives is the best job in the world. For this to happen, health care professionals need to be able to perform their work in a safe and sustainable way. Getinge is a leader within effective infection control, and collaborates with organizations to help communities and hospitals get access to clean water.



### ACCELERATED GLOBAL WARMING

CO<sub>2</sub> emissions from production and transports contribute greatly to global warming. According to the United Nations, we could be heading towards a 3.2°C temperature rise (compare with the Paris Agreement target of max 1.5°C) by 2030 if emissions are not cut down. As a global company, Getinge wants to take action and is continuing the work to reduce energy used in production, along with emissions from company cars.

Sources: United Nations: Emissions Gap Report 2019. United Nations: Global Resources Outlook 2019. World Health Organization: Wash in health care facilities, Baseline Report 2019.

## UN Sustainable Development Goals

The United Nations has identified 17 prioritized Sustainable Development Goals (SDGs) for environmental, social and economic development. Getinge supports all of them, and has identified five areas for how to address sustainability.



### Goal 3

Ensure healthy lives and promote well-being for all at all ages.



### Goal 4

Ensure inclusive and quality education for all and promote lifelong learning opportunities for all.



### Goal 6

Ensure availability and sustainable management of water and sanitation for all.



### Goal 8

Promote inclusive and sustainable economic growth, employment and decent work for all.



### Goal 12

Ensure sustainable consumption and production patterns.



# Sustainability as part of everyday decisions

We hear the word sustainability on a daily basis. So how do you get an entire company like Getinge to truly embrace it? By creating circles on the water, according to Ralf Uwe Schmitt, Corporate Head of Sustainability.

**“The movement I’m seeing within the company is very encouraging. Now, we have a unique chance to do more.”**

**It’s all about** onboarding. If people are mentally connected – bottom-up and top-down – and can see that they’ve had a say in the strategy and that leadership is taking it forward, then they will ask themselves what they can do to make it better,” says Ralf.

He is conducting this interview during Covid-19 lockdown times on video from his small home office. A room that has a hard time capturing his enthusiasm when he talks about the sustainability program, that he was part of developing and implementing for Getinge two years ago.

“We were a committed group of people working with it. And it was like dropping a stone in the water – it created concentric circles as more and more people got engaged.”

**The Getinge Sustainability Program 2019-2024** is a roadmap and declaration for what the company will do when it comes to environmental and social sustainability in the coming years. It identifies areas where Getinge can and will do better, with targets for energy reduction and reduced waste and emissions. But it is more than just a document. The process that led up to it is equally – or even more – important because it creates a drive for local initiatives, like using less disposable plastic or choosing green energy.

Leading up to the program, Ralf performed several workshops and stakeholder interviews and, together with his team, asked representatives from the company what they thought they could do to increase sustainability awareness and activities. This list of actions and KPIs was then distilled down to a program.

A committee was formed, and quarterly follow-ups were scheduled, among other activities. A bottom-up



**Want to read our latest Sustainability Update Report 2019? Point your smartphone camera to the QR code and click the link.**

approach put sustainability more on the radar at Getinge and today it is part of everyday decisions. A dedicated leadership on top of this has resulted in a company where sustainability is becoming more and more integrated into the way everyone acts.

“The movement I’m seeing within the company is very encouraging. Now, we have a unique chance to do more – jointly with the support of dedicated people all over the company,” says Ralf.

**“We put the** bar for our sustainability strategy in place in 2019. In times of the coronavirus, we’ve already seen that many things will not be the same post the pandemic. There are things we’ve taken for granted that we can’t do anymore, and we’ve experienced the power of digitalization. Now might be the time to further raise our ambitions.” ○

## GETINGE NON-FINANCIAL TARGETS IN SHORT

### Environmental impact

- Reducing emissions from production
- Reducing emissions from company cars
- Reducing energy in production

### Product specific

- Increase customer satisfaction
- Reduce hazardous waste
- Eliminate non-hazardous waste

### Social responsibility

- Minimize occupational accidents
- Increase employee engagement
- Increase diversity, inclusion and equal opportunities



Photo: WaterAid/Anna Karh

# It all starts with clean water

Access to clean water, sanitation and hygiene are some of the most basic requirements to provide sustainable health care and lower the risks of spreading bacteria and viruses. But in fact, many health care facilities lack it. That is why Getinge has teamed up with the organization WaterAid.

◀ Every minute a newborn dies from an infection caused by lack of safe water and an unclean environment. At Kiomboi Hospital in Iramba, Tanzania, WaterAid has been working to improve access to safe water since 2016. In the photo, midwife Daniel Paulo holds a newborn baby.



Photo: WaterAid/Ernest Randriamalala

Midwife Narindra is posing in front of the new toilet block at Ampasika health center in Alaotra Mangoro, Madagascar.

**C**lean water, reliable toilets and good hygiene are what keep people healthy. These elements should be a normal part of daily life for everyone, everywhere, also in health care facilities – but they are not.

“One out of four health care facilities globally lack access to clean water, and about 45 percent in Least Developed Countries. As a result, hundreds of millions of people are affected by health care acquired infections (HCAI) every year,” says Cecilia Chatterjee-Martinsen, Chief Executive at WaterAid Sweden.

At Getinge, infection control has been a core part of the business for decades. Sterile reprocessing solutions for the Central Sterile Services Departments, where medical instruments are cleaned, disinfected and sterilized are among the world’s best in preventing infections.

“We are proud to support WaterAid, especially in these worrying times when a pandemic is putting a massive amount of pressure on hospitals, patients and caregivers,” says Magnus Lundbäck, Executive Vice President Human Resources and Sustainability at Getinge.

“We will bring our voice and knowledge into this partnership and together do what we can to contribute to improved access of clean water, sanitation and hygiene in the world’s poorest communities.



Magnus Lundbäck, Executive Vice President Human Resources and Sustainability at Getinge.

Having that access should be a given for all patients and hospital staff.”

Today, thousands of people all over the world turn ill while getting treatments at hospitals that do not have clean water, nor the possibility for doctors and nurses to wash their hands with water and soap, or to sterilize medical instruments.

“Keeping patients safe from infection without clean water is an impossible task. As a result, people are dying, health care systems are collapsing and antimicrobial resistance is on the rise. This is unacceptable, and by partnering with us, Getinge shows how committed they are to improve the situation,” says Cecilia.

WaterAid has helped millions of people in some of the world’s poorest communities to get access to clean water.

“Partnerships like this one can make real change

happen. They enable more efforts around the globe and contribute to establishing practical and sustainable solutions that fulfill local needs. We work in some of the toughest places in the world to reach people with clean water, sanitation and hygiene, which changes their lives forever,” explains Cecilia. ○

Sources: World Health Organization: Wash in health care facilities, Baseline Report 2019. World Health Organization: The burden of health care-associated infection worldwide.

## WATERAID - WITH BOOTS ON THE GROUND

WaterAid was established in 1981 and has teams in 34 countries.

Their mission is to transform lives by improving access to clean water, hygiene and sanitation in the world’s poorest communities.

They influence governments to change laws and link national and international policy makers with people on the ground.

The organization tries to change attitudes and behaviors and work with others to pool knowledge and resources.

Photo: WaterAid/James Kiyimba



I wash my hands easily on taps before, and after, handling mothers and their babies, says midwife Daniel Paul at Kiomboi District Hospital, Iramba District, Tanzania.

Photo: WaterAid/Sam James



Dirty water was used to wash medical equipment at Mulo-tana health centre, Boane District, Mozambique (see image). Today, the clinic has a rainwater harvesting tank to provide water during the rainy season.

Photo: WaterAid/Tom Greenwood



Nurse Peu Aranhya, 30, washes his hands at a sink. Thmor Kol Referral Hospital, Battambang, Cambodia.



Every minute a newborn dies from an infection caused by lack of **safe water** and an **unclean environment**.

WHO (2015)



Diarrhea caused by **dirty water** and **poor toilets** kills a child under 5 every 2 minutes.

WaterAid calculations based on Prüss-Ustün et al. (2014) and The Institute for Health Metrics and Evaluation (2018)



Promoting **good hygiene** is one of the most **cost-effective** health interventions.

Disease Control Priorities, third edition, volume 2, (2016)

# Dreams are born at Pratham's learning camps

For nine-year-old Bhoirobi Kotoky, Pratham's learning camps have sparked a growing excitement for education. She has even decided that one day she wants to become a teacher herself.

**F**or years, **Getinge** has been engaged in Pratham, the first major organization to achieve lasting, wide-scale success in India's educational landscape. The collaboration runs through an initiative called 'Swedish Industry for Quality Education in India' focusing on supporting children in school and based on a strong belief that education is a powerful and sustainable way out of poverty.

One of the children who has been part of Pratham's learning camps is nine-year-old Bhoirobi Kotoky, who lives with her family in the Jorhat District in Assam. She has fond memories of every time that Pratham's field team member Munmi Lalim came to school to conduct classes.



"The learning camps were so exciting, we used to sit in small groups and do language and math activities together. I always looked forward to Munmi Lalim's arrival," tells Bhoirobi.

**Before, most studies** took place on an individual level. The learning camps gave Bhoirobi and the other children a platform to make new friends, with whom they could study together but also have fun.

"I gained more confidence in how to express myself in front of other children, and understood better how to collaborate and learn from each other."

Some of the most popular activities during the learning camps were letter and number riddles, math tasks using straws and bundles, mind mapping activities on

**PRATHAM IN BRIEF**

● **Founded in 1995 by UNICEF and the Municipal Corporation of Greater Mumbai.**

● **Although 96% of all children in India aged 6-14 go to school, educational levels are low. Pratham wants to remedy this.**

● **Pratham, meaning "first" in Sanskrit, is the first major organization to achieve lasting, wide-scale success in India's educational landscape.**

● **Pratham's approach is to organize the children after knowledge levels rather than age.**

the floor and group discussions on various topics. "My favorite hobby is to read comic books and before Munmi Lalim came to our school I struggled to understand the stories and many of the words. Today, it is much easier, even to reflect on stories. I have also started to write some of my own," says Bhoirobi with a smile on her face.

**Pratham also arranges** community based activities in the villages after school hours, such as practicing singing and dancing skills, and doing library activities. Parents are welcome to support.

"Thanks to Munmi Lalim I started going, sometimes together with my parents and my two little brothers who I enjoy spending time with. It is nice to include them; we have a lot of fun studying and drawing together with my friends from school."

Bhoirobi is very happy about the opportunities provided by Pratham.

"It is only with support from teachers like Munmi Lalim that I can pursue my hobby of reading comic books today. One day I dream of becoming a teacher too, and give children the same possibility as I have been given." ○



**The Pratham learning camps have given the children a platform to make new friends – with whom they can both play and study together.**

# Taking social responsibility by creating affordable solutions

There are hospitals around the globe that depend on price competitive equipment. Getinge wants to take responsibility by focusing on affordable solutions to help them. The launch of mobile operating room tables is a recent example.

“Offering hospitals around the world affordable products that help them save more lives is an important aspect of our sustainability efforts,” says Frank Alles, Senior Director Global Product Management for Surgical Workplaces at Getinge.

In 2019, Getinge launched two new mobile operating room (OR) tables: The functional and robust Maquet Lyra and the Maquet Meera CL. The latter is a simplified member of the established Maquet Meera table family.

Maquet Meera CL is manufactured in Rastatt, Germany, while Maquet Lyra is produced in Getinge’s factory in Suzhou, China. Frank adds:

“Both of the new OR tables are results of our quality value engineering approach. Fewer, optimized parts and focusing on features that are essential for hospitals looking for all-round products enable us to have an affordable offer with increased value for our customers.”



**Frank Alles, Senior Director Global Product Management for Surgical Workplaces at Getinge.**

In addition, durable mobile OR tables, with components and accessories that are compatible between different products produced by Getinge, also address the environmental aspect of the company’s sustainability scope.

“We have a proven track record of quality products with a long lifespan. Even the most basic Maquet Lyra ticks all the boxes you expect from a table that offers exceptional value for money to health care facilities who don’t need extra features,” says Dominik Birkner, Product Manager Mobile OR Tables at Getinge. He adds: “By using robust, user-friendly and sustainable components we limit potential problems. If something goes wrong down the line, repairs will be quick and inexpensive.”

The modular design of tables and accessories extends the possibilities to use the new mobile OR tables for most types of surgical procedures. A couple of examples:

The improved stability of the value table base makes the tables suitable for orthopedic procedures where strong forces are applied both to the patient and the table.



The two new mobile operating room tables are the Maquet Lyra (above) and the Maquet Meera CL (below).



**Dominik Birkner, Product Manager Mobile OR Tables at Getinge.**

The Maquet Lyra leg plates, which are useful for urological and gynecological surgeries, can also be fitted on all tables in the Maquet Meera family.

“Working with standardized interfaces doesn’t only extend the life of our customers’ existing OR table investments. Parts and accessories will be compatible with future products too. This makes them truly sustainable,” Dominik explains. ○





# Eco Design

– one eye on the details and one on the future

Being mindful with the Earth’s resources goes beyond reducing emissions from production. At Getinge, sustainability starts with Research & Development which means that EcoDesign principles are used when designing products. One shining example of this is the Maquet PowerLED II surgical light.

**E**coDesign basically means taking a product’s environmental impact over its life cycle into account, from the design phase and onwards. Everything should be covered, from extraction of raw materials to production, distribution and use, all the way to recycling and disposal.

“By using EcoDesign principles in product development, we can minimize the use of materials, make sure that our products are recyclable, and help our customers reduce their consumption of energy, water and other consumables,” explains Dieter Engel, Chief Technology Officer at Getinge.

**An example of** EcoDesign is the Maquet PowerLED II surgical light. During the design phase, the development team focused on enhancing optical and electrical components in order to decrease the electricity consumption, which is the main cause of the CO<sub>2</sub> emissions during the product’s life cycle.

The process for calculating environmental indicators from a life cycle perspective and displaying them in a simple, useful way was created by the R&D team in Ardon, France, where the Maquet PowerLED II also is manufactured. All with that eye for details that is so crucial when it comes to EcoDesign.

One result of this attention to details is the new packaging for Maquet PowerLED II that contributes to an even lighter footprint. Stéphane Pendaries, Process Engineer at Getinge, explains:

“Earlier we used a lot of foam rubber, which was both unsustainable and expensive. Now we use fewer pieces that are tailor-made to fit into a new type of package. Thanks to this, we are reducing both time and cost as well as contributing to a more sustainable approach. And as a bonus it makes it easier for our customers to unpack the products.”



## MORE EXAMPLES OF ECODSIGN AT GETINGE

### Connectivity tools for medical devices

By enabling a faster failure diagnosis and more efficient service, connectivity tools help reduce the travel needs for Getinge service technicians, resulting in less emissions from service vehicles.

### GSS610H steam sterilizer

Launched in 2019, the GSS610H steam sterilizer delivers consistent and reliable results at a low and predictable total cost of ownership, at the same time as it enables lower consumption of cooling water.

**At the end** of the day, it is hard to pinpoint a single innovation that constitutes EcoDesign. Many small improvements added together make an ecologically sustainable product. The key to success is the same attention to detail as displayed by the team in Ardon – every time a new product is developed, in every part of the product life cycle.

“The approach should yield both an ecological advantage as well as a commercial benefit,” says Dieter.

“Improvements of the ecological footprint of a product start by analyzing where we are today – the materials used, the energy consumed, the transportation involved. Making thorough life cycle assessments defining the footprints of present products is a stepping-stone for improving future product generations.”



**Dieter Engel, Chief Technology Officer at Getinge.**



**Stéphane Pendaries, Process Engineer at Getinge.**

# Recycling for a better world

## – Wayne and Merrimack walking the walk

Being sustainable for a global company like Getinge is about overall strategy and having the right ISO certifications – and also about local initiatives. Like the Getinge sites in New Jersey and New Hampshire where recycling efforts and less single-use plastic are good examples of a sustainable mindset.



### Merrimack, New Hampshire

**A** shifting culture, less waste and 100% more chest drains recycled compared to last year. Those are some of the wins the Getinge team in Merrimack, New Hampshire, US, have managed to pull off in just one and a half years working with sustainability improvements.

**For Mindy Pierett**, Sustainability Engineer, being green and friendly in business does not mean cutting down on efficiency.

“On the contrary, this goes hand in hand and should be combined. It has been my leading star when working to get the ISO14001 certification for Merrimack, which we received in March. During that project we also looked at continued sustainability improvements for the entire site,” says Mindy.

One of the first things Mindy noticed when starting her job one and a half years ago was the large amount of chest drains (used to remove air and fluids from around the lungs and heart after surgery or trauma) that did not pass quality inspection and ended up in the trash.

“I realized we were throwing away 64 tons of drains on an annual basis. 64 tons! Not only did this have a huge negative environmental impact, it was also doubling our trash bill.”

**The drains are** mostly made of ABS plastic, but also have stainless steel springs, polypropylene and silicon vibration welded inside making it a contaminated material and nearly impossible to recycle. Mindy tried hard to find a recycler in North America who was willing to do it.

“I sent out countless drain samples and were in calls with 5-10 potential recyclers every single day for a long time. It felt almost impossible, but in the end I managed to find a match in New Hampshire.”

Thanks to a fantastic collaboration with the factory warehouse to establish logistics and create a smooth process,

the first load of drains dropped for recycling in February. “Since, we have recycled more than 20,000 drains. This has reduced the tonnage rates in our trash by half and now we have requested one trash pickup per week instead of two. This way we are caring for the planet and becoming more efficient while lowering the costs,” explains Mindy.

**She is very** determined and passionate about her job, and is thrilled about the engagement in Merrimack. “Becoming a more sustainable site is a joint effort. We have carried out trainings with everyone and I love to see that these questions really matter to people – sustainability is a priority and it is more and more becoming an integral part of our culture.”

Already at an early stage, Mindy had the entire management onboard, which she points out as a success factor to get more people to follow.

“There’s this brilliant example when Chad Carlton, our Managing Director, paused a meeting, went over to the plastics recycle bin and grabbed an empty bottle of soda that still had the cap on. He took it off. Why? Because the bottle and the cap shouldn’t be recycled together.”

It went viral and people are still reflecting over it in Merrimack when throwing away things. Even if it is sometimes with humor, the staff help each other out

when recycling. After all trainings and initiatives, Mindy also feels like people are comfortable in seeking her up with all types of questions whenever they have doubts.

**“People want to** do the right thing, they ask how to act in a sustainable manner in different situations, what to recycle and if there’s anything more they can do. It’s such a collaborative and friendly atmosphere. And after all, that is how we must work with sustainability to get anywhere – we must have full buy-in from everyone and do it together.”



**Mindy Pierett, Sustainability Engineer at Getinge.**



**The chest drains from Getinge are used to remove air and fluids from around the lungs and heart after surgery or trauma.**



### Wayne, New Jersey

**W**hat more can we do? Joseph McElwain, Environmental Health & Safety Specialist at Getinge, kept asking that question while focusing on getting the latest ISO certification for Getinge’s New Jersey manufacturing sites in the US.

**When starting** up a new project one and a half years ago, the main goal was to receive an ISO14001 certification.

“I am proud to say we got the certificate in March this year. But during the project I felt a need to do more. That there must be several things we could change to push our manufacturing sites in a more environmental and sustainable direction,” explains Joseph.

**It is his** favorite part of work – finding areas of improvement and working together with colleagues to make a difference.

“In the last 20 years more and more companies have realized that they need to work with their environmental outreach. It’s also about being part of a community and taking responsibility by caring for the world we all live in,” says Joseph.

As he started to investigate, Joseph identified a number of ways to establish a sustainability mindset at the New Jersey sites.

“As these New Jersey sites are being merged with the goal to reduce Getinge’s site footprint, we chose to donate office furniture to the community. Today they can be found in local schools and other community areas.”

Another idea came from Brian Snyder, Purchasing Director and Michael Degen, Food Service Director.

“We saw a huge opportunity to reduce plastic waste in the Wayne canteen. Since January, we have now managed to replace many items such as plastic plates, cups, bags and straws. Instead we are using more environmental-friendly paper options,” tells Brian.

**The canteen staff** also encourages visitors not to grab more napkins than they need, which has resulted in less garbage. The reactions from canteen visitors have been very positive.

“I think this makes us all more cautious about having a negative environmental impact. It feels good that we have managed to reduce our carbon footprint and there is still much more we can do,” says Joseph.

Going forward, one of the things Joseph and his colleagues are looking into is to increase recycling efforts.

“We need to remember that we are part of something bigger and jointly seek out how we can be even more sustainable in our actions. It can be done in a number of ways and we keep steering in that direction,” concludes Joseph. ○



**Joseph McElwain, Environmental Health & Safety Specialist at Getinge.**

# Big data means better health care

Getinge's digital service Getinge Online connects people, products and data. This enables both service teams and clinicians to be more proactive and improve efficiency in the operating room and intensive care unit.

**F**or some years, Getinge has ensured that sterile reprocessing equipment perform at the highest level. By using the common brand, Getinge Online, for a newly launched customer portal for anesthesia equipment and ventilators, Getinge further strengthens the offering of digital services.

"With instant access to equipment data and remote troubleshooting, service becomes more sustainable as unnecessary travel can be avoided and hospitals can maximize the uptime of their anesthesia machines and

**"With instant access to equipment data and remote troubleshooting, service becomes more sustainable"**

ventilators. A powerful dashboard that enables analysis of anesthetic agent usage can help hospitals to lower agent usage, which in turn reduces the environmental footprint," says Annica Jämtén Ericsson, Director Service and Connectivity Strategy at Getinge.

**Getinge Online is** part of the service offering Getinge Care. This digital platform enables secure transfer of service and equipment data from the connected Getinge device to a server. The data is presented to the customer via a role-based web portal.

"The possibility to analyze data and gain insights is not only making life easier for our customers. The individual perspective on service needs along with access to remote expert support also improves efficiency and reduces costs," adds Anna Redwood, Global Product Manager Connected Services Acute Care Therapies.

Annica concludes: "Ultimately, Getinge Online also benefits the patients. Providing an early warning when something is about to go wrong enables proactive interventions that help reduce the risk of having to cancel surgical procedures." ○



**Annica Jämtén Ericsson, Director Service and Connectivity Strategy at Getinge.**

# What's on?

## COVID-19 Resource Center

On Getinge's website, there is a section called "COVID-19 Resource Center" where health care professionals will find help and guidance on how to benefit from Getinge's offerings to treat patients, as well as other practical information and advice. One example is a centralized ventilator training repository. The Ventilator Training Alliance app connects health care professionals with ventilator training resources from several of the world's ventilator manufacturers, including instructional how-to videos, manuals, troubleshooting guides, and other ventilator operation expertise critical to treating patients suffering from Covid-19 related respiratory distress.



## Acute C-section required circuit board storytelling

Little Isak came to the world after several painful days for his mother. At first, Getinge employee Jacob Dahl could only watch helplessly from the side, until he found a few familiar things in the operating room that would help distract his partner, and him, during the acute C-section. It was a Getinge Maquet operating table and a Flow-i anesthesia machine.

"I know Flow-i by heart, and even if it was not needed during this procedure it was still comforting to see it standing by, being 100 percent confident that it would work if my loved one needed to depend on it," says Jacob.

He started describing the technology behind it to Emelie, going deep into details about the circuit boards.

"She was still uneasy about the ongoing procedure, but listening to my voice describing it was a bit of a game changer. It immediately relaxed her and made me feel calmer as well."

The C-section went well and everyone is doing fine today.



## Applikon cultivation systems used in search for Covid-19 vaccine

To control the pandemic Covid-19 outbreak, rapid development of a Covid-19 vaccine is needed as well as serological tests to determine whether someone has contracted the virus and has built up immunity. Wageningen University & Research (NL) develops 'Spike Proteins' by using insect cells in their search for a Covid-19 vaccine. In Delft, Getinge's newly acquired business Applikon Biotechnology supports them determining the optimal process conditions by running their experiments in our bioreactors under varying conditions. Once the optimal settings are found, it is possible to produce larger volumes. By enabling equipment and staff, Getinge contributes to the development of a candidate Covid-19 vaccine. And that is our passion.

## Getinge introduces Advanta V12 balloon expandable covered stent in larger size

For more than 15 years, Getinge's Advanta V12 balloon expandable covered stent has been trusted by physicians for its ease of use and proven, reliable outcomes in surgery. Now, a larger diameter size has been added to the portfolio to offer customers increased treatment options in vascular procedures. Long term clinical data demonstrates superior patency compared to bare metal stents. Read more on Getinge's website.



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