

From intuition to fact based analysis and improvements - What the dental professionals are saying?

The LM Dental Tracking System™ (DTS™) is the first commercially available system in dental industry to efficiently track and monitor instruments and other materials. The School of Oral Health Care at the University of Copenhagen (UCPH) has used the DTS™ together with the RFID tagged LM-ErgoSense instruments from LM-Dental already for a couple of years now. The system has helped the clinic to make continuous improvements in the daily operations, planning and increased patient safety. "The LM Dental Tracking System™ ensures that we always have full control over the hygiene status of our instruments. We can also precisely document which of them students have been using and on which patients, as well as when they have been sterilised", says Bo Danielsen, Head of the School of Oral Health Care at the UCPH. The different users; clinicians, students, clinic managers, operation managers and purchasers can all benefit from the data collected and analyzed by the DTS™. With the help of the system the school has received the needed data to improve their daily operations, support education, improve long-term planning and budgeting, and obtain big data that can be used for research purposes.

How can the different user groups benefit from tracking materials at a dental hospital?		Benefits found in The School of Oral Health Care in the University of Copenhagen
<p>CLINICIANS: Are you able to focus on the patient?</p> <ul style="list-style-type: none"> ✓ Right instruments in the right place at the right time ✓ Sterilized instruments ✓ Safe materials ✓ Patient session planning 		<p>CLINICIANS:</p> <ul style="list-style-type: none"> ✓ No more misplaced instruments: Several hours / week saved by each staff member
<p>CLINIC MANAGERS: Are your decisions based on facts?</p> <ul style="list-style-type: none"> ✓ Right resources at the right places at the right time ✓ Improve long-term planning ✓ Improve time management ✓ Documentation 		<p>CLINIC MANAGERS:</p> <ul style="list-style-type: none"> ✓ Decisions based on data rather than intuition
<p>MANAGER OF STERILIZATION SERVICES: Are your processes and material flows optimized?</p> <ul style="list-style-type: none"> ✓ Material traceability ✓ Avoid time consuming manual controls ✓ Improve material flow and decrease loss ✓ Optimized instrument inventory and stock 	 	<p>MANAGER OF STERILIZATION SERVICES:</p> <ul style="list-style-type: none"> ✓ Utilisation count and maintenance reminders: Time needed for manual checking reduced by more than 100 hours / year for the 250,000 instruments sterilised per year.
<p>PURCHASER: Are you able to do fact based budgeting and purchasing</p> <ul style="list-style-type: none"> ✓ Statistical reports to help the budgeting ✓ Avoid hidden costs ✓ Optimized purchasing process ✓ Decrease stock 		<p>PURCHASER:</p> <ul style="list-style-type: none"> ✓ Just-in-time processes in maintenance: reduced inventory cost by c.10%



Scan the QR code and read the full article published by GS1 AISBL in the GS1 Healthcare Reference Book 2017/2018: ©GS1 AISBL.

To be continued...