

QUICK GUIDE FOR LM DENTAL TRACKING SYSTEM™



More information about the usage of the LM Dental Tracking System™ on www.dentaltracking.com



Readers

Readers can pick up RFID tags attached to different articles. There are two kinds of readers currently in use: DTS™ Tray Readers and smaller DTS™ Unit Readers that can e.g. be integrated into a dental unit.



Articles

Articles are **Materials**, (e.g. LM-Calcium C) **Instruments** (e.g. LM Micro Sickle) or **Containers** (e.g. LM-ServoMax tray set) that may have an RFID tag attached to them. Tags contain information to uniquely identify each individual article.

Article groups

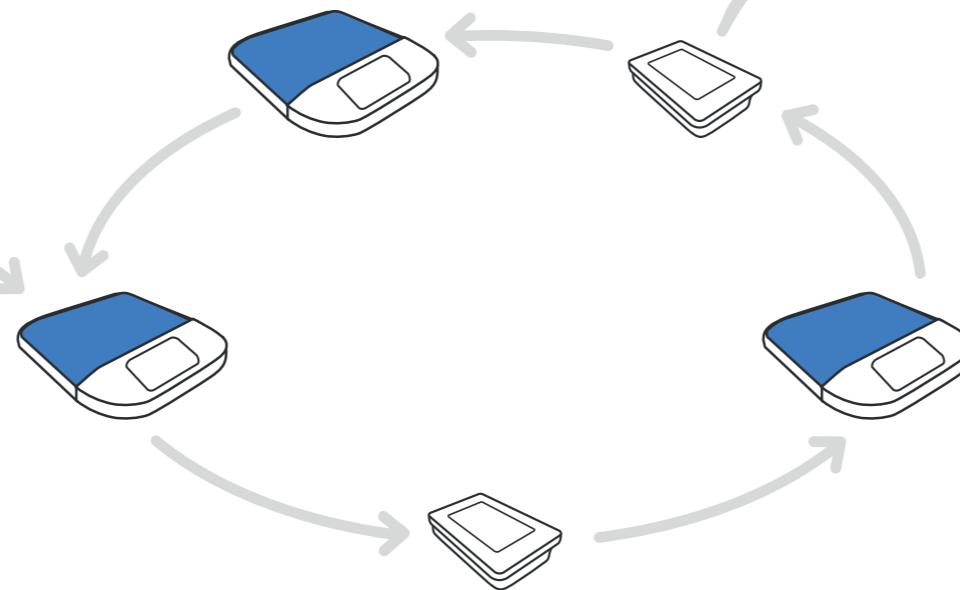
All articles belong to an article group. A group is like a class for similar articles i.e. LM Micro Sickle is an article in the Periodontics group. Articles' maintenance guidelines and reminders are classed by article groups.

Article sets

Articles can be configured into article sets. A set can be e.g. a container and certain instruments inside it. Sets are a good way to keep track of a set of certain articles that always go together.

Template sets

A template set is like a model for an article set. It defines which types of articles need to be included in a set. Template set is a useful tool especially for universities where a template set can be configured for each year's students or individual courses.



Cycles

You can determine cycles of activities for articles to go through. Usually an article follows the cycle set for its article group. Multiple article groups can follow the same cycle if appropriate.

A cycle can be e.g. Autoclaving in > Autoclaving out > Clinical use > Maintenance. If the user tries to perform activities in a wrong order (e.g. Clinical use before Autoclaving in) the system will display an error to ensure patient safety.

System can be configured to give **Maintenance reminders** such as instruments' sharpening recommendations.

Some cycle's activities can be defined as **End of life activities** that will deactivate an article. It is also possible to set a **Registering activity** that is the first activity performed to an article. Registering activity can only be performed once.

Cloud

All readers are connected to a database through the cloud. This allows us to provide the user with supportive features such as maintenance reminders and different warnings when performing readings.

Data from readings is saved on a server so that you can access it through a modern web UI whenever you wish. Also many configurations, such as creating article sets and cycles are done on the web UI.



Activities

You can create activities through the web UI and configure 1 - 6 activities per reader. Activities will then appear on the assigned reader ready to be performed. Activities need to belong to a cycle unless they are classed as **No cycle activities** that do not require a specific policy.

Activities can have different attributes, e.g. **Sterilizing** (autoclaving) after which the read article is classed as sterile for a configured time. Other attributes include:

Required/optional defines if the activity needs to be performed before the next activity in the cycle.

Repeatable means that the system allows the activity e.g. Maintenance to be repeated.

Set check means that if an article set is defined for an article being read, readers will check that the set is complete or articles match a template when performing the activity.

Full set activity is an activity that marks the whole article set (if one is defined) as used when one or more articles from the set is read.