



POCcelerator™

Point of Care Ecosystem™ Enabled

Configuration Guide

OLO

from software version 6.1

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If the POCcelerator system is used in a manner differently than specified by Siemens Healthcare Diagnostics, the protection provided by the equipment may be impaired. Observe warning and hazard statements.

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1 Introduction

This configuration guide describes the use of the POCcelerator™ Data Management System software to configure the Sight Diagnostics OLO¹, a multi-parameter hematology analyzer, used for screening capillary or venous whole blood samples.

This manual explains the model-specific configuration settings of the OLO. Refer to the *POCcelerator User Manual* for all general information on the use of the POCcelerator Data Management System software.

Please read this configuration guide for step-by-step instructions and illustrations on how to configure the devices prior to placing them in service.

2 Scope

This configuration guide is intended for users with a basic knowledge of the POCcelerator application.

3 Intended Use

The POCcelerator Data Management System software allows you to configure and use the OLO device with POCcelerator. This POCcelerator product is not for in-vitro diagnostic use.

4 Configuration

All POCT device models can be configured to have the same operational settings if required.

Note: Model configuration settings are only enabled for users with model rights.

To configure the model, open the model setup data.

Procedure:

1. Select *Setup* ⇒ *Devices* ⇒ *Models* in the menu bar.
The *Model* window appears.
2. Select the desired model.
The *Model definition* tab appears.
3. Select the Configuration tab.
The *Downloads* option tab appears.

When a device is placed into operation for the first time, all data that can be downloaded from POCcelerator to the model are automatically activated here.

Modifications made in this screen will be applied to all devices of that model type. It is not required to select the *Edit data record* button and confirm the changes with *Accept*.

Changes are not applied to devices that have different device configurations. This is the case, for example, when you define deviations from model configuration for individual devices (*Setup > Devices > Devices*). Such changes are **highlighted in blue**.

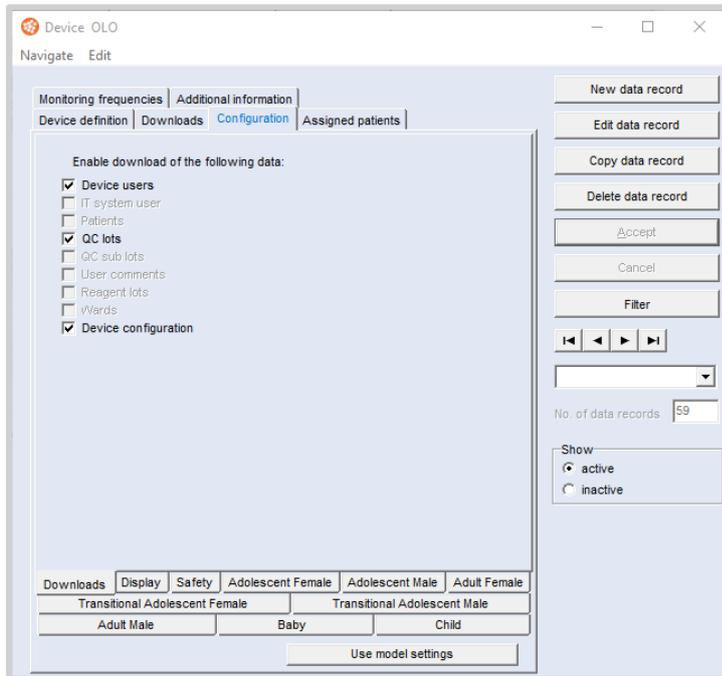
Use the *Overwrite device settings* button, which is available on all model *Configuration* screens, to apply all model settings to all connected as well as unconnected devices of this model. If you are using “Configuration Devices” for the ward-specific configurations, their settings will be overwritten as well.

¹ Valid from OLO firmware version 2.63

4.1 Downloads

This tab is used to set the download options. When you enable a download, all pre-existing data of that type stored on the device will be overwritten. Once enabled, the option can be disabled at any time.

Note: When a selected download option is disabled, any previously downloaded data of that download type will be removed from the device when the device receives its new configuration.

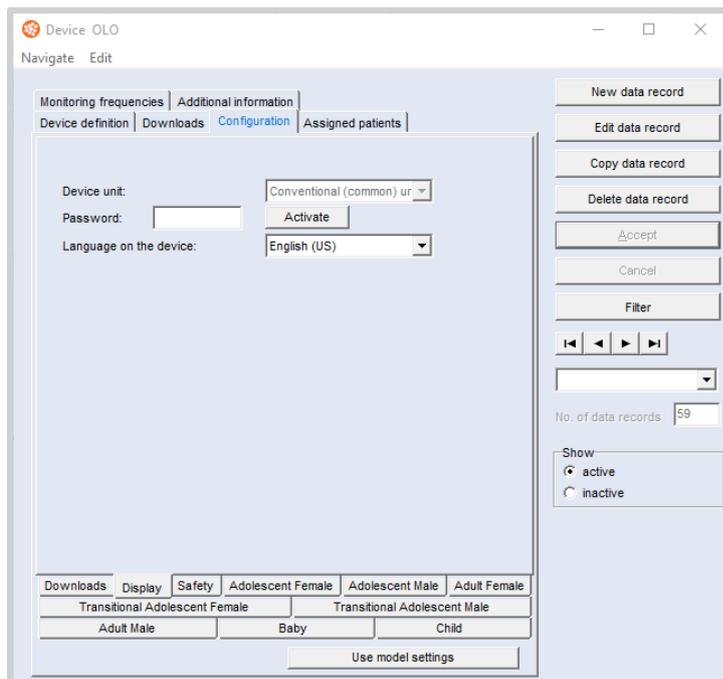


Explanation of the parameters

<p>Enable download of the following data:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Device users <input checked="" type="checkbox"/> QC lots <input checked="" type="checkbox"/> Device configuration 	<p>Select which setup data should be downloaded to the device.</p> <p>Note: If an option is greyed out, it means that the type of download is not supported by the model.</p> <p>If selected, device users' data will be downloaded.</p> <p>If selected, QC lots data will be downloaded.</p> <p>If selected, device configuration data will be downloaded.</p>
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Table 1: Downloads Options

4.2 Display

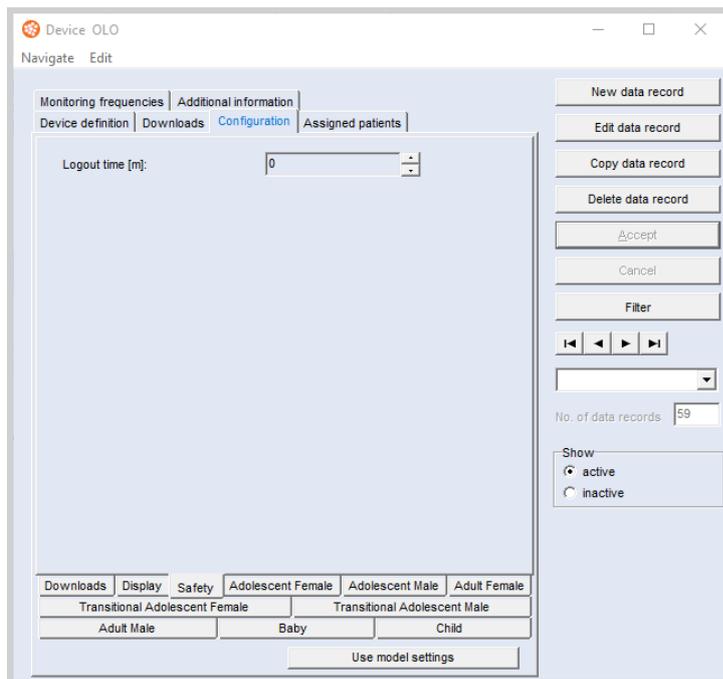


Explanation of the parameters

<p><u>Device unit</u></p> <p>Conventional (common) units CCU</p> <p>CCU, g/L for HGB and MCHC</p> <p>SI Units</p> <p>Dutch SI Units</p> <p>Japan's Units</p>	<p>This is used to set the units of measure for patients' results on the device.</p> <p>Note: Reference measurement ranges are set by default for Conventional (Common) Units CCU. If the device unit is changed, reference ranges are adjusted automatically on the device.</p> <p>If selected, results are displayed on the device using the conventional common units (CCU) (Default).</p> <p>If selected, results are displayed on the device using CCU, g/L for HGB and MCHC.</p> <p>If selected, results are displayed on the device using SI units.</p> <p>If selected, results are displayed on the device using Dutch SI units.</p> <p>If selected, results are displayed on the device using Japan's Units.</p>
<p>Password Activate</p>	<p>The unit of measure is password protected. If you want to change the unit of measure, contact Customer Service.</p>
<p>Language on the device</p>	<p>This is used to configure language settings for the device UI. There are 2 languages preinstalled on the device.</p> <p>Possible choice: English (US), Spanish (Latin America)</p> <p>Default: English (US)</p>

Table 2: Display

4.3 Safety



Explanation of the parameters

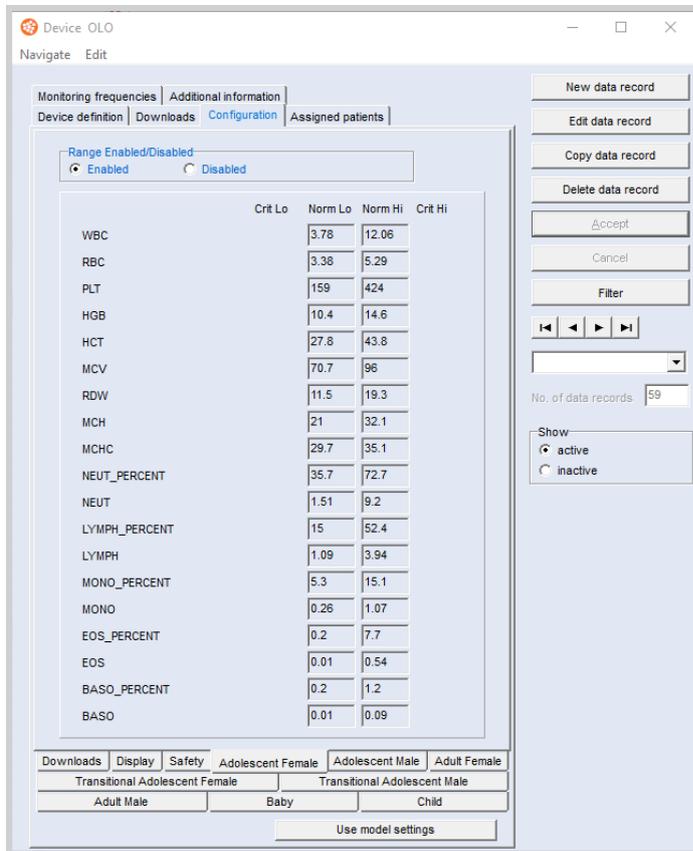
<p>Logout time (m)</p>	<p>In case of inactivity, the user is automatically logged off the device after a defined time (in minutes).</p> <p>Note: This option corresponds to the device's "Automatic logout" option.</p> <p>Possible choice: 0 to 60 minutes.</p> <p>Default: 0 (disabled).</p> <p>Note: In POCcelerator, logout time is defined in 1-minute intervals. On the device, intervals are set to 1, 2, 3, 4, 5, 10, 15, etc. every 5 minutes up to 60 minutes.</p> <p>When the configuration is downloaded to the device, POCcelerator rounds up the entered value.</p> <p>For example, if in POCcelerator a logout time is set to 23 minutes, on the device this time is rounded up to 25 minutes.</p>
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Table 3: Safety

4.4 Adolescent Female

This tab is used to define the lower and upper reference ranges per parameter for an adolescent female (12 to < 18 years old).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

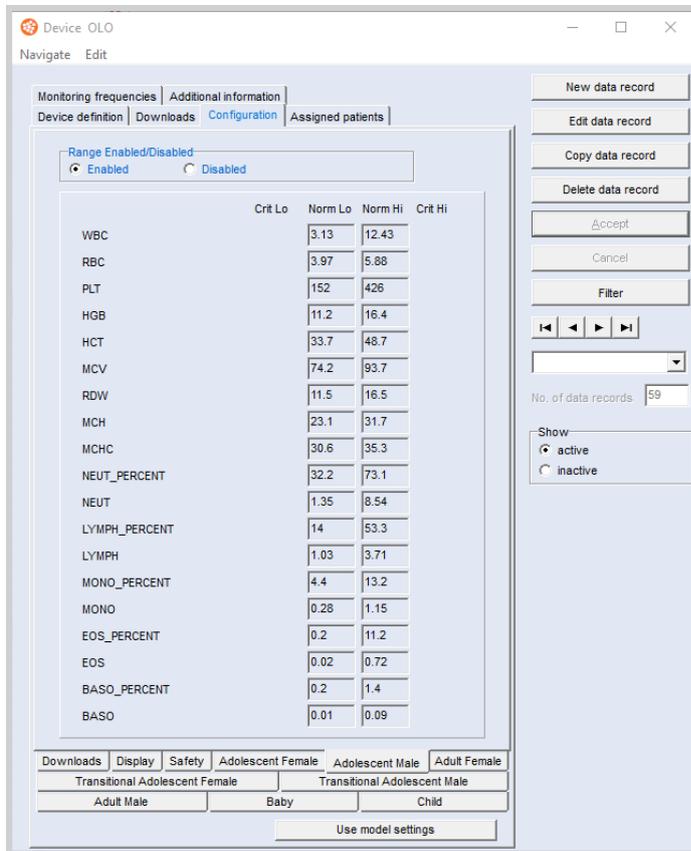
<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for an adolescent female. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Adolescent Female</u>	Default reference ranges per parameter for an adolescent female can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 4: Adolescent Female

4.5 Adolescent Male

This tab is used to define the lower and upper reference ranges per parameter for an adolescent male (12 to < 18 years old).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

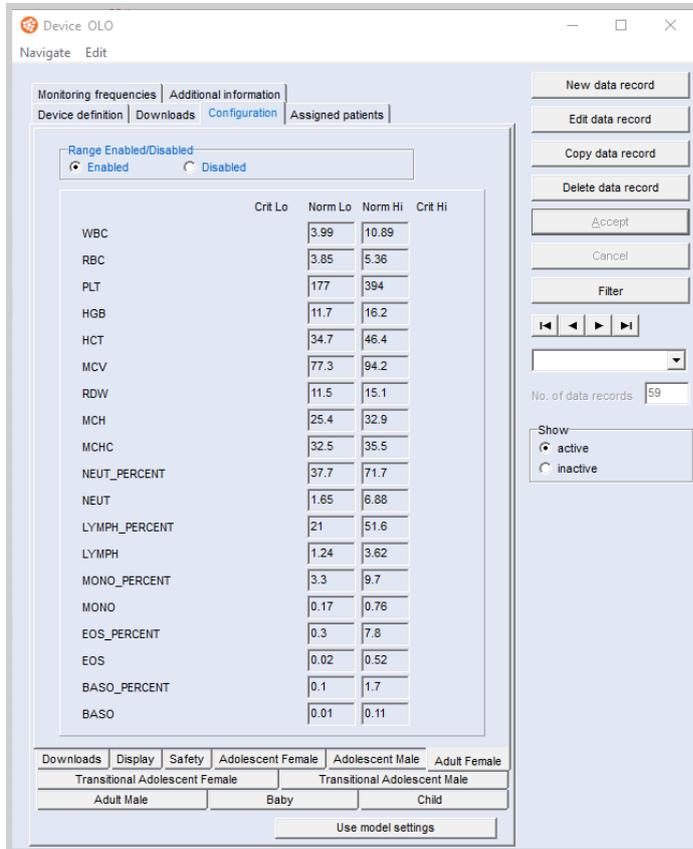
<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for an adolescent male. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Adolescent Male</u>	Default reference ranges per parameter for an adolescent male can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 5: Adolescent Male

4.6 Adult Female

This tab is used to define the lower and upper reference ranges per parameter for an adult female (from 22 years old).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

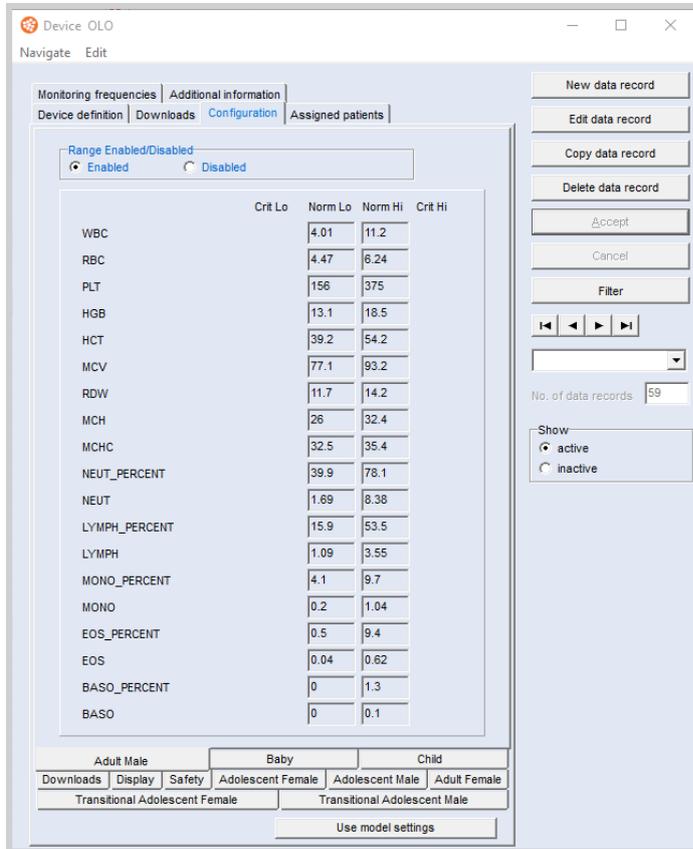
<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for an adult female. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Adult Female</u>	Default reference ranges per parameter for an adult female can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 6: Adult Female

4.7 Adult Male

This tab is used to define the lower and upper reference ranges per parameter for an adult male (from 22 years old).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

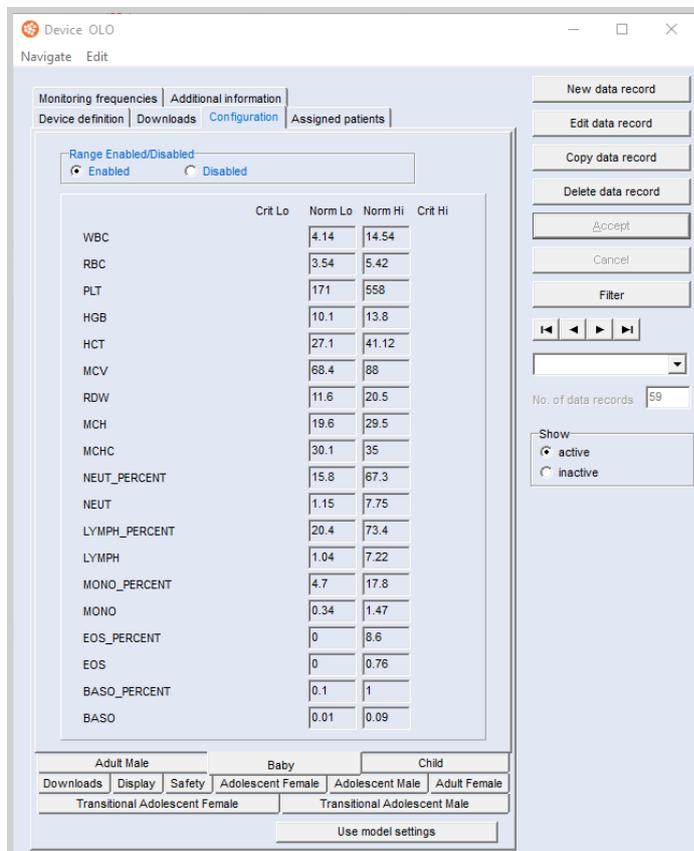
<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for an adult male. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Adult Male</u>	Default reference ranges per parameter for an adult male can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 7: Adult Male

4.8 Baby

This tab is used to define the lower and upper reference ranges per parameter for a baby (3 to 23 months).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

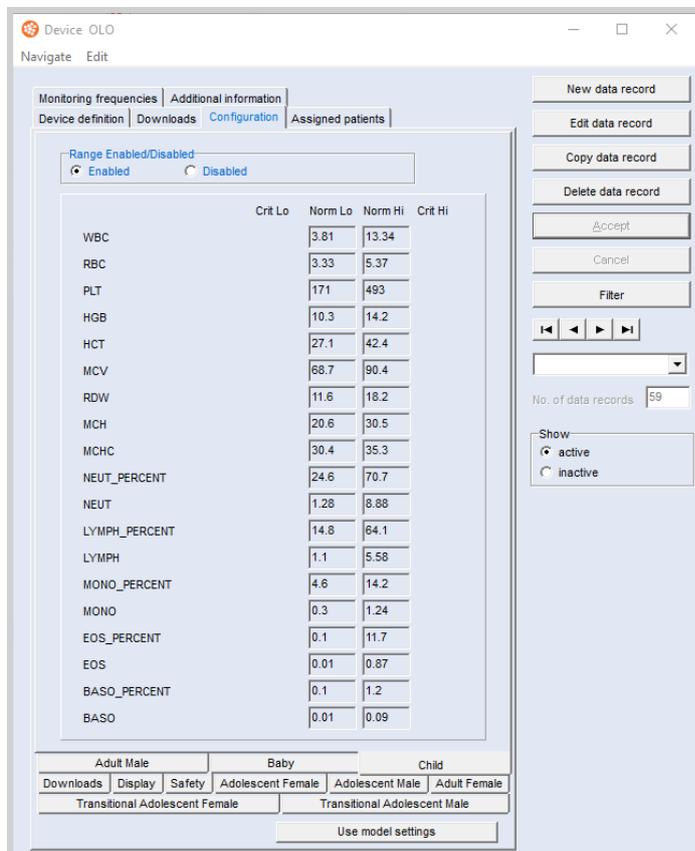
<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for a baby. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Baby</u>	Default reference ranges per parameter for a baby can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 8: Baby

4.9 Child

This tab is used to define the lower and upper reference ranges per parameter for a child (2 to <12 years old).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

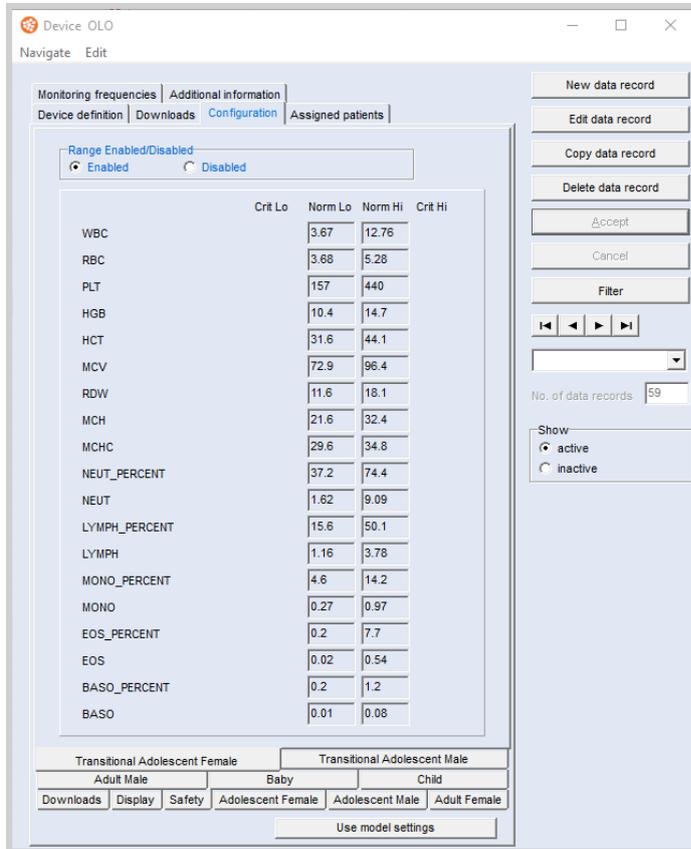
<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for a child. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Child</u>	Default reference ranges per parameter for a child can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 9: Child

4.10 Transitional Adolescent Female

This tab is used to define the lower and upper reference ranges per parameter for a transitional adolescent female (18 to < 22 years old).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

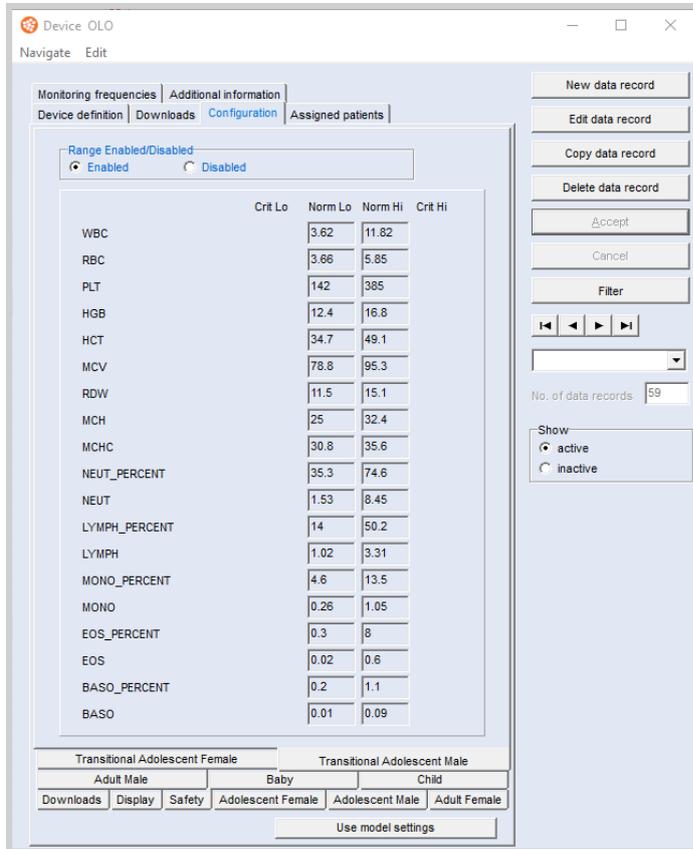
<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for a transitional adolescent female. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Transitional Adolescent Female</u>	Default reference ranges per parameter for a transitional adolescent female can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 10: Transitional Adolescent Female

4.11 Transitional Adolescent Male

This tab is used to define the lower and upper reference ranges per parameter for a transitional adolescent male (18 to < 22 years old).

For further information about parameters and ranges, refer to the *Sight OLO-E1 Operator's Manual*.



Explanation of the parameters

<u>Range Enabled/Disabled</u>	This is used to enable/disable the definition of specific reference ranges per parameter for a transitional adolescent male. Each laboratory can establish its own reference ranges based on its patient population — reference ranges can vary depending on age, diet, geographic location, etc.
Enabled	If selected, the entry of custom reference ranges for patient measurements is enabled (Default).
Disabled	If selected, the entry of custom reference ranges for patient measurements is disabled and the default reference values of the manufacturer are applied.
<u>Transitional Adolescent Male</u>	Default reference ranges per parameter for a transitional adolescent male can be changed. These measurement ranges are downloaded from POCcelerator to the device. Note: Custom <i>Norm Lo</i> and <i>Norm Hi</i> values cannot exceed the default values set by the manufacturer.
Norm Lo	Defines the lower reference value for patient measurements.
Norm Hi	Defines the upper reference value for patient measurements.

Table 11: Transitional Adolescent Male

5 Support

Contacting Customer Service

Siemens Healthineers is committed to helping you resolve any problems with the POCcelerator Point of Care Data Management System.

For assistance, contact POC Informatics Customer Service:

<https://www.siemens-healthineers.com/how-can-we-help-you>