EOlife®
Connect MD

Quick start guide

ARCHEON MEDICAL

H01-Quick-start-guide- Rev02_EN_Dec24

1

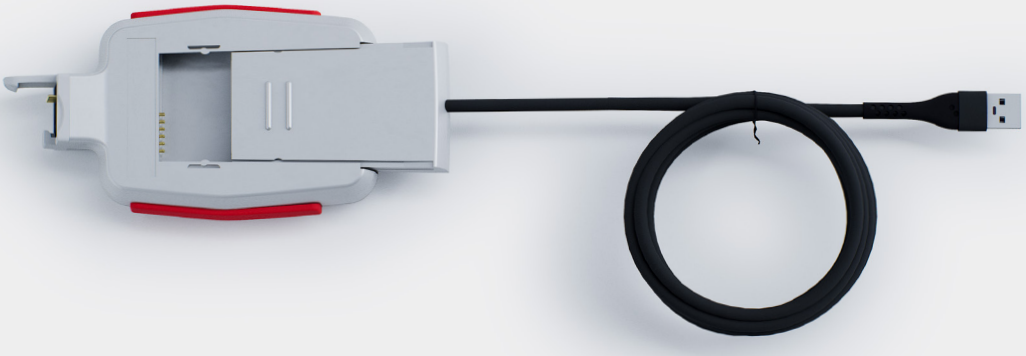
INSTALLATION ON WINDOWS & MAC

On Windows and MacOS, the **EOlife Connect MD** executable is portable, which means that it does not need to be installed; you simply have to run it by double-clicking on it.
Click on the app icon below or visit the Archeon website to download the app.

EOLIFE CONNECTION

A

Plug in **EOlife** using the data transfer cable.



B

Turn on **EOlife**.
When **EOlife** is powered by the data transfer cable, it remains on the following startup screen.

EOLIFE CONNECT MD can be started before or after EOlife connection.

3

TRANSFER DATA FROM EOLIFE TO EOLIFE CONNECT MD

A

Plug in **EOlife** using the data transfer cable and turn it on.

B

Wait until **EOlife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.

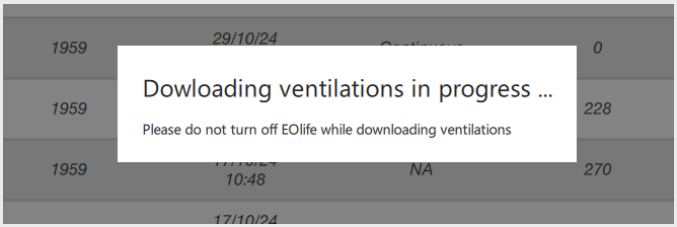
C

Click on the download button.
The transfer will begin.

EOlife screen during transfer.

D

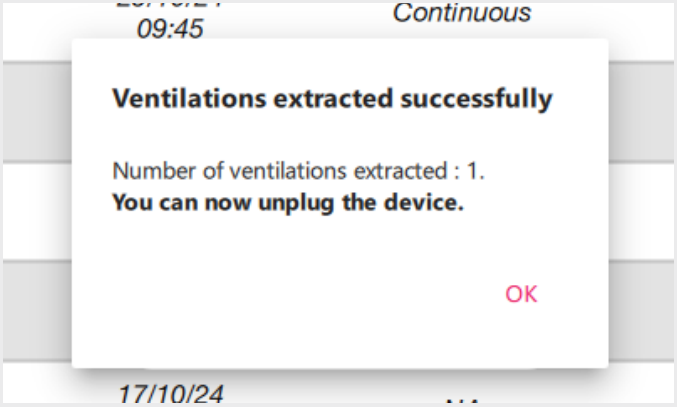
Wait during the download phase.



DO NOT unplug EOlife during this process.

E

When the download phase is complete, a notification will indicate how many ventilations have been downloaded.



4 SAVING DOWNLOADED VENTILATIONS

Ventilations are saved in a local database. If the download fails for any reason, please contact the Archeon Support : product-request@archeon-medical.com

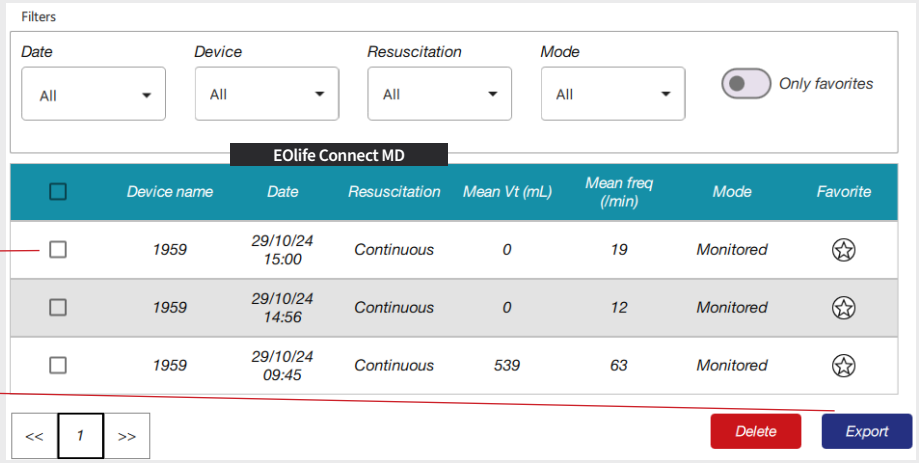
EXPORT VENTILATION DATA

A

Select one or multiple ventilations .

B

Click on Export button.

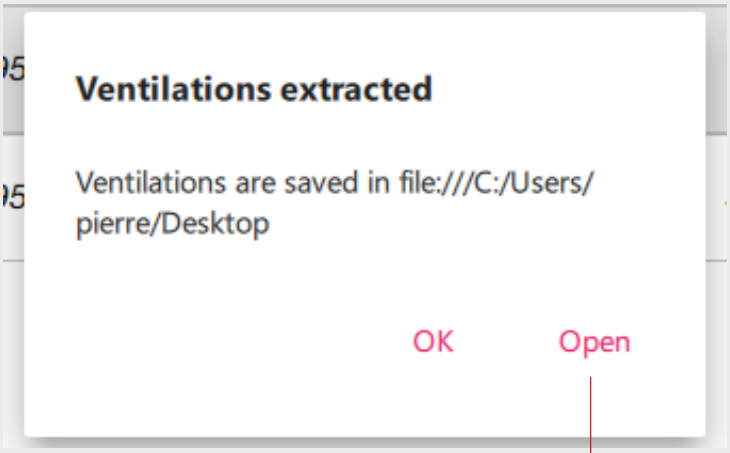


C

Select the folder where you want to export the CSV files.

D

A notification will confirm the export.



E

By clicking on «Open», you will open the folder where CSV files are saved.

5

F

A complete ventilation data

Firstname	Lastname	Age	Date	Time	Patient Type	Patient Size	Mode	Training	FrequencyMode	Leakage alar	EOlife
undefined	undefined	undefined	19/07/2024	09:34:00	adult	Medium	Continuous	Monitored	ERC	ON	223900013

Cycle number	Time (hh:mm:ss:SS)	Ti (ms)	Te (ms)	Tp (ms)	Freq (/min)	Vi (mL)	Vt (mL)	Leakage (mL)	Leakage ratio (%)
1	00:00:00:00	1570	470	5990	7	433	433	0	0
2	00:00:08:03	1290	450	7780	6	429	429	0	0
3	00:00:17:55	1160	503	3998	10	487	487	0	0
4	00:00:23:21	1060	484	4527	9	466	466	0	0
5	00:00:29:28	1316	498	3168	12	466	466	0	0
6	00:00:34:26	1048	489	3826	11	462	462	0	0
7	00:00:39:62	986	470	4599	9	440	440	0	0
8	00:00:45:68	884	630	4730	9	751	751	0	0
9	00:00:51:92	1003	481	4592	9	434	434	0	0
10	00:00:58:00	596	475	521	37	459	459	0	0
11	00:00:59:59	676	486	465	36	466	466	0	0
12	00:01:01:22	682	512	469	36	496	496	0	0
13	00:01:02:88	655	488	5175	9	464	464	0	0
14	00:01:09:20	689	469	5363	9	458	458	0	0

- **Cycle number** : Ventilation cycle number
- **Time** : Relative ventilation cycle start time
- **Ti (ms)** : Ventilation cycle insufflation time
- **Te (ms)** : Ventilation cycle expiration time
- **Tp (ms)** : End-expiratory pause time in the ventilation cycle
- **Freq (min-1)** : Ventilation frequency (mean from the last ventilation cycles)
- **Vi (mL)** : Volume insufflated in the ventilation cycle
- **Vt (mL)** : Tidal volume in the ventilation cycle measured during expiration
- **Leakage (mL)** : Ventilation cycle leakage volume
- **Leakage ratio (%)** : Ventilation cycle leakage percentage

EOLIFE UPDATE

All files necessary for the update will be available on Archeon website.

A

Plug in **EOlife** using the data transfer cable and turn it on.

B

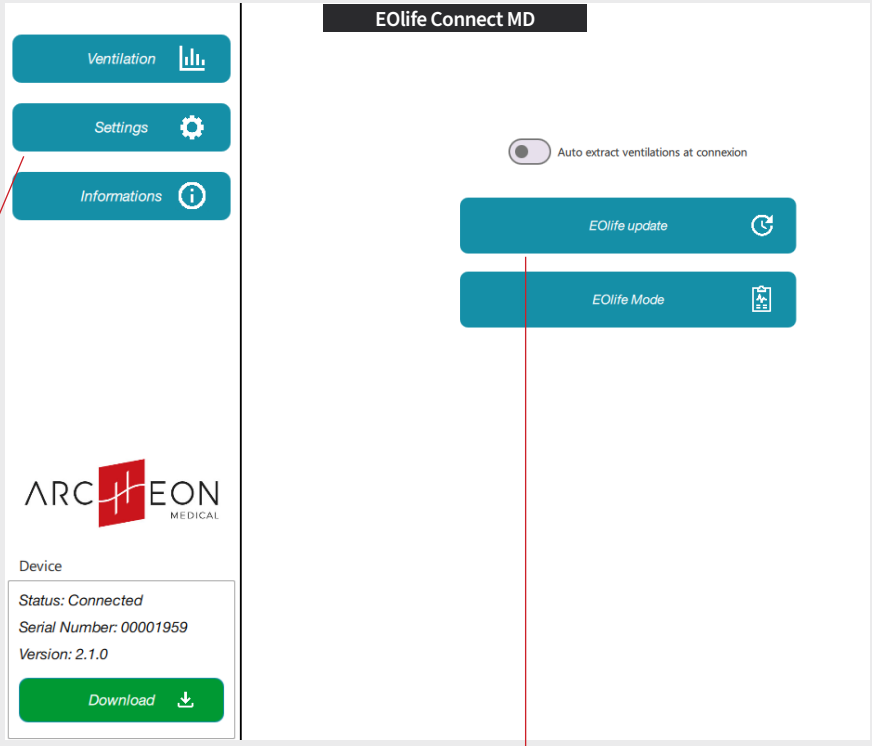
Wait until **EOlife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.

C

Click on ‘Settings’ button.

D

Click on ‘EOlife update’ button.



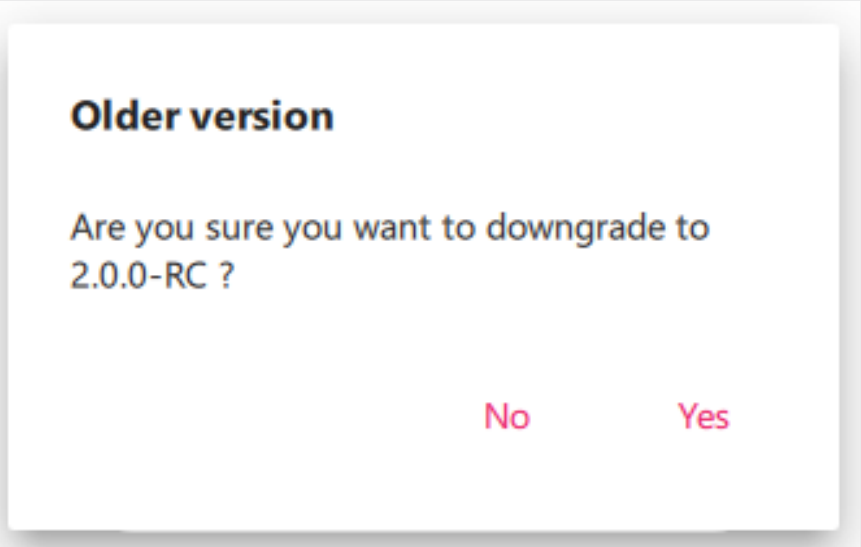
6

E

Select the folder containing the files needed for the update.

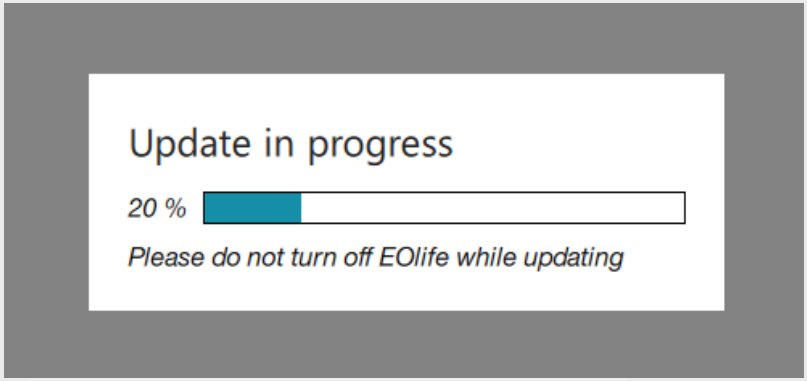
F

If the firmware version you want to install is equal to or lower than the installed version, a message will ask you to confirm the action.



G

The update is starting. This should take approximately 1 minute and 30 seconds.



H

A notification will confirm the successful installation of the update. **In the event of an error occurring, simply start again.**

EOlife screen during update.

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EOLIFE DIAGNOSTIC MODE

A

Plug in **EOlife** using the data transfer cable and turn it on.

B

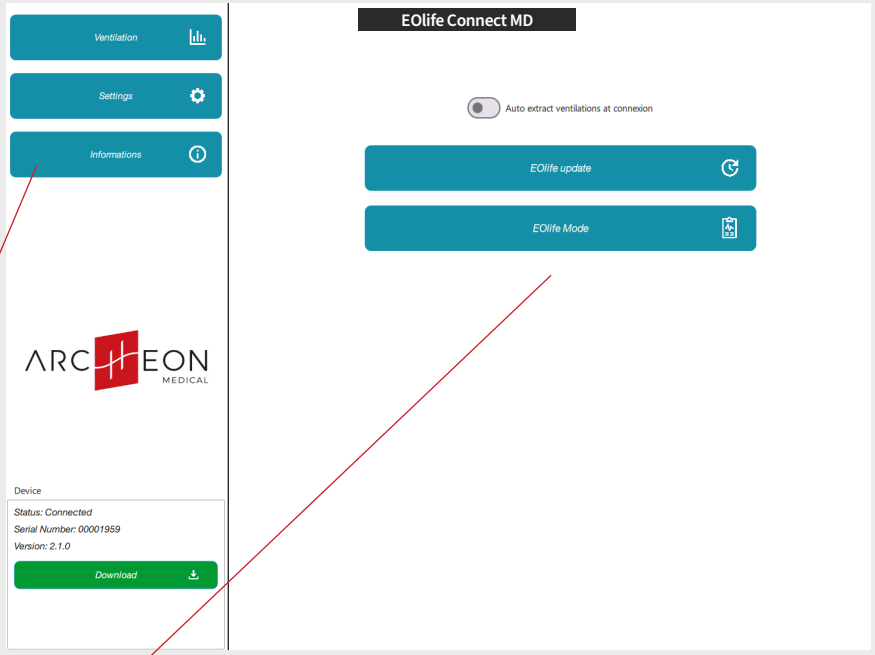
Wait until **EOlife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.

C

Click on ‘Settings’ button.

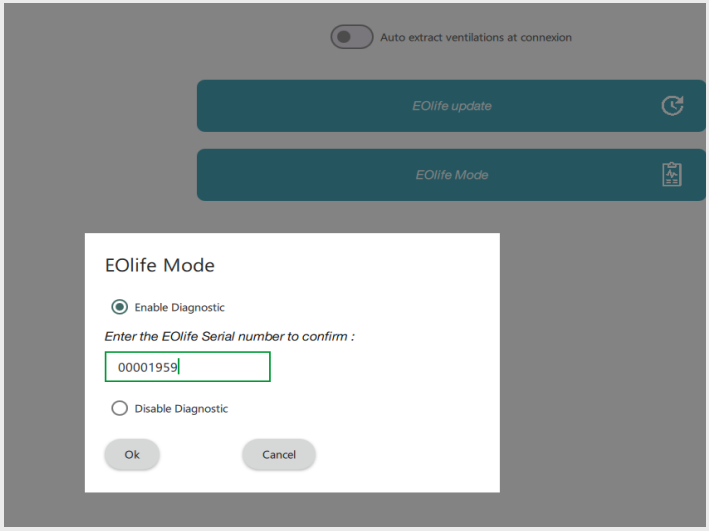
D

Click on ‘EOlife Diagnostic Mode’ button



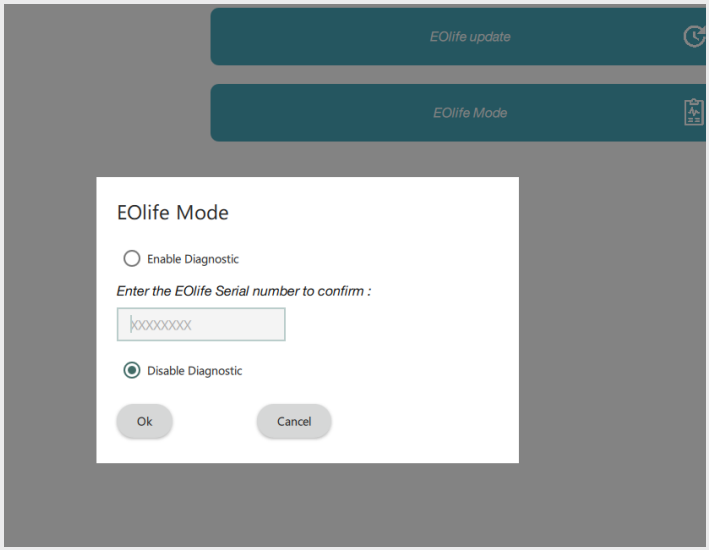
E

To enable Diagnostic mode on **EOlife**, select «Enable Diagnostic» and confirm by entering the EOlife serial number in the provided input box. Click «OK».



F

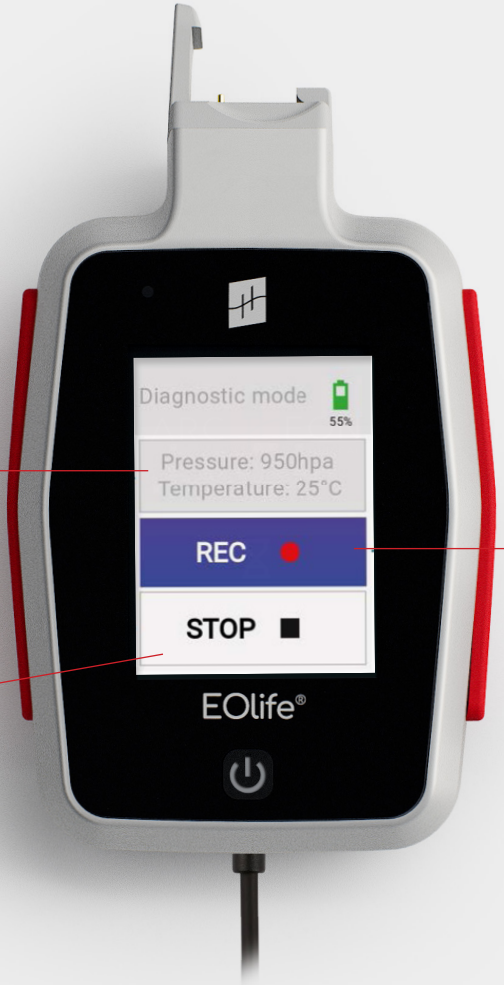
To deactivate Diagnostic mode on EOlife, select «Disable Diagnostic» and click «OK».



7

G

EOlife main screen in ‘Diagnostic mode’.



Displays the ambient pressure and the internal temperature of the device.

Clickable stop button to access the statistics screen.

Indicates that the product continuously records ventilation data.

EOLIFE CONNECT MD SPECIFICATIONS

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Input connector	USB A
DC input voltage	5V ±5%
DC input current	450 mA max
DC output voltage	5V ±5%
Cable details	24 AWG, Ø mm
Operating temperature	-10°C/14°F to 35°C/95°F
Weight	95g ±5g
Housing material	PC-ABS UL94
Approvals	FCC, CE, RoHS

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