

# EOLife<sup>®</sup>

Connect MD

## Quick start guide



The **EOLife Connect MD** is compatible with PC, Mac and Linux.  
Stay tuned to be informed about application updates

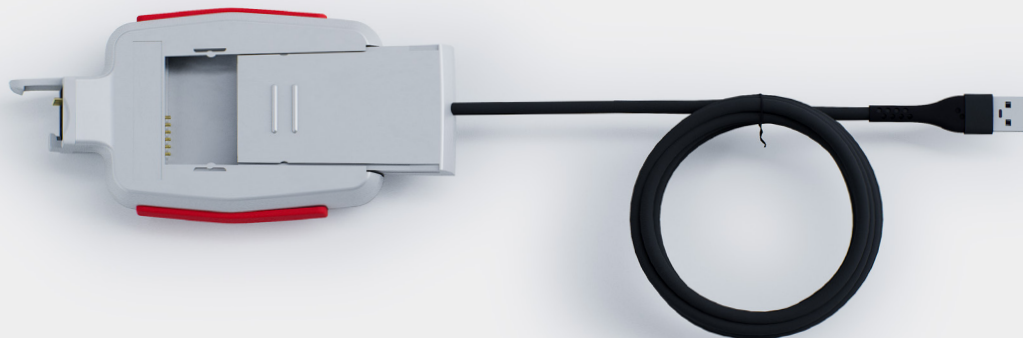
# EOLIFE CONNECTION

1

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.



## 2

# 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.



On Windows and MacOS, installation of FTDI drivers may be necessary, see :  
<https://ftdichip.com/drivers/>

# TRANSFER DATA FROM EOLIFE TO EOLIFE CONNECT MD

**A**

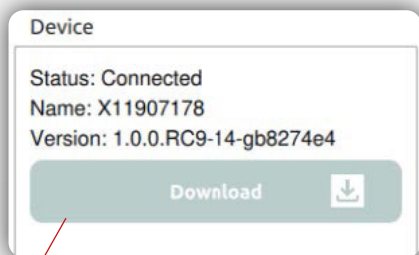
Plug in **EOLife** using the data transfer cable and turn it on.

**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.

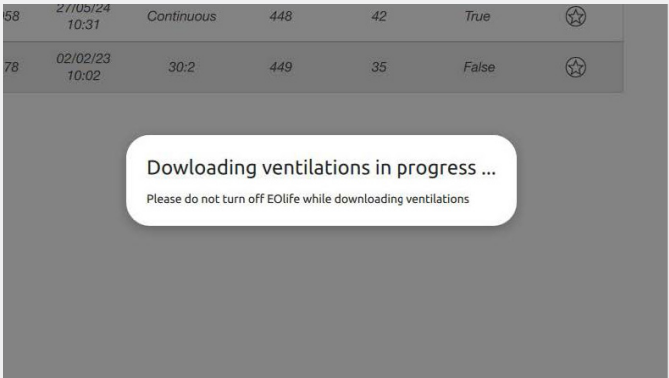
3

D

Wait during the download phase.

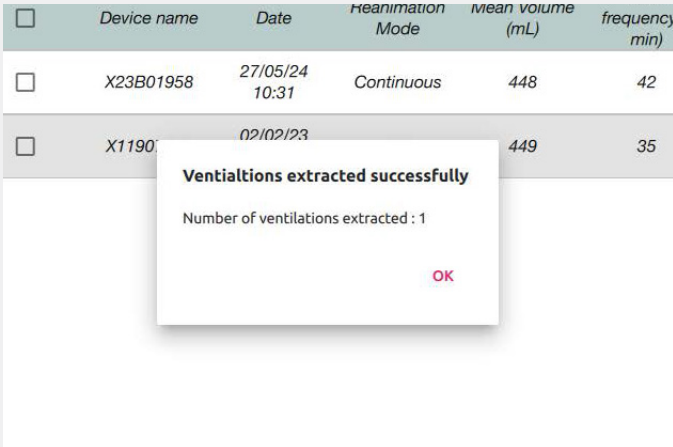


**DO NOT unplug EOLife during this process.**



E

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



# SAVING DOWNLOADED VENTILATIONS

## 4

Ventilations are saved in a local database. If the download fails for any reason, please contact the Archeon Support :

[product-request@archeon-medical.com](mailto:product-request@archeon-medical.com)

# EXPORT VENTILATION DATA

5

A

Select one or multiple ventilations .

B

Click on Export button.

C

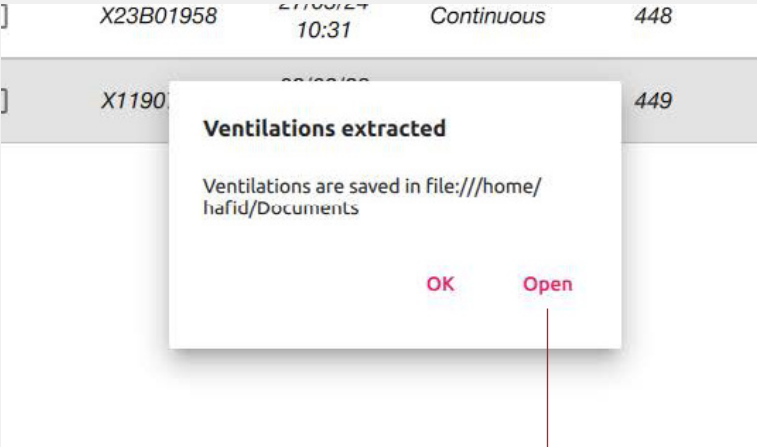
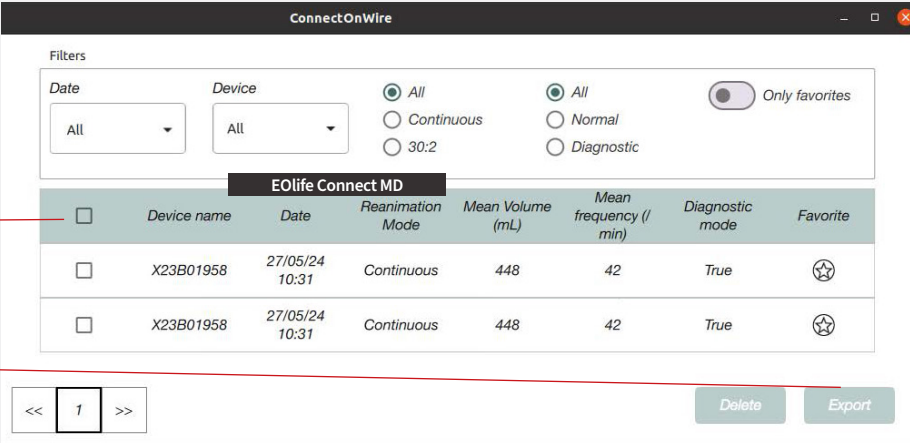
Select the folder where you want to export the CSV files.

D

A notification will confirm the export.

E

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





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)** : Ventialtion 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

## 6

# 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**

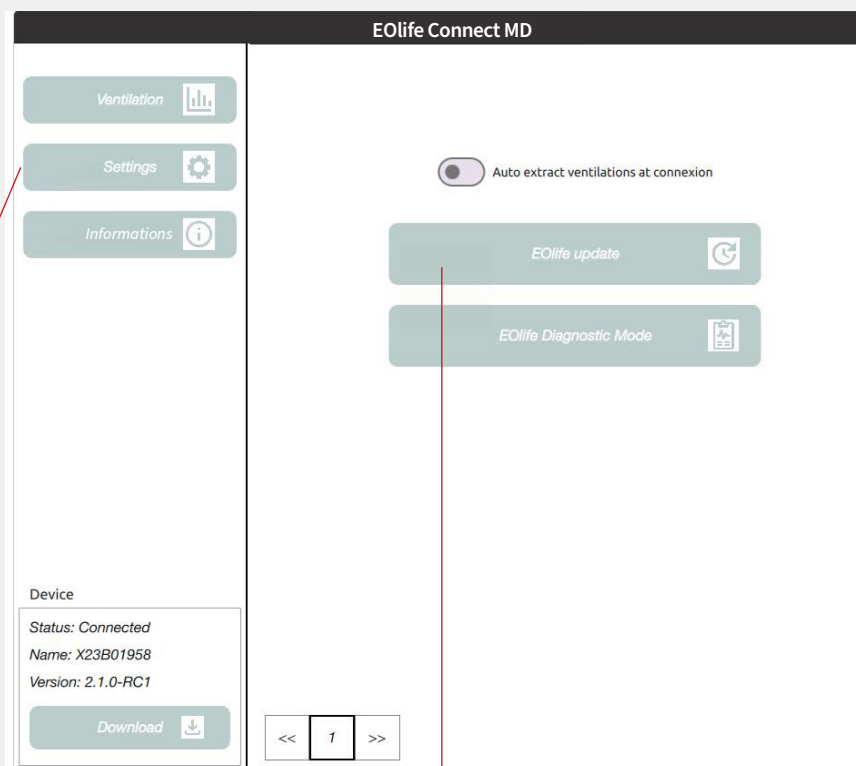
Wait until **EOLife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.

**C**

Click on 'Settings' button.

**D**

Click on 'EOLife update' button.

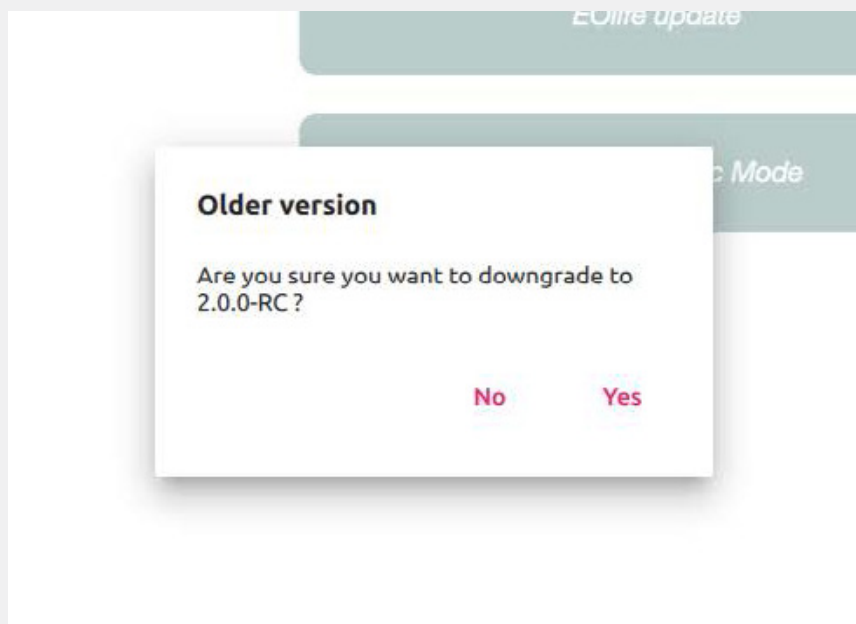


**E**

Select the folder containing the files needed for the update.

**F**

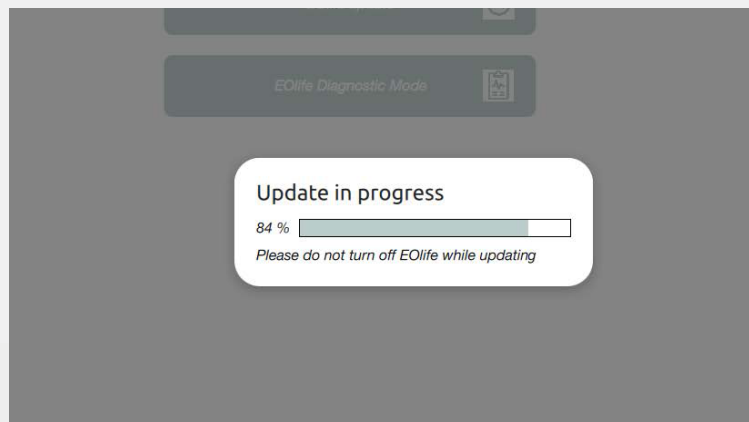
If the firmware version you want to install is equal to or lower than the installed version, a message will ask you to confirm the action.



## 6

## 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.

# EOLIFE DIAGNOSTIC MODE



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



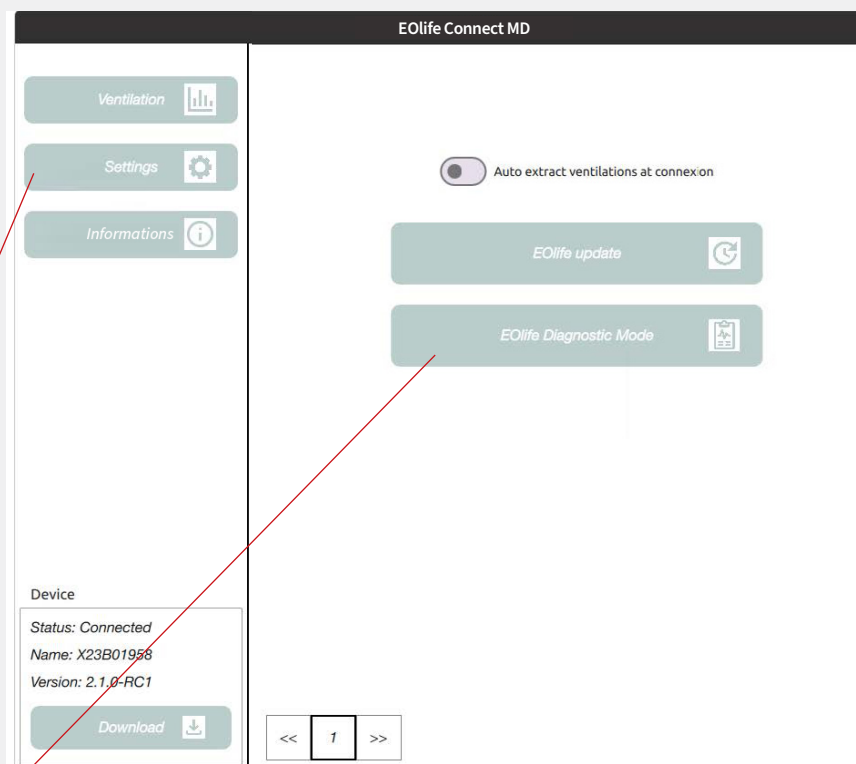
Wait until **EOLife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.



Click on 'Settings' button.



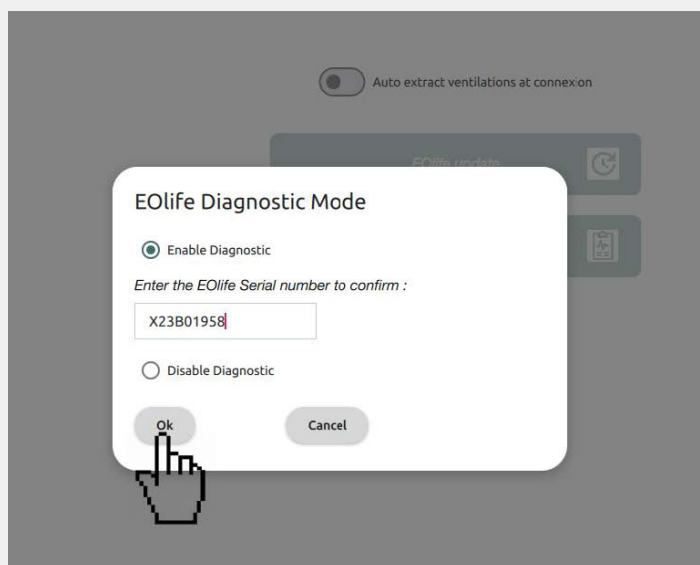
Click on 'EOLife Diagnostic Mode' button



7

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».



G

**EOLife** main screen in 'Diagnostic mode'.



# EOLIFE CONNECT MD SPECIFICATIONS

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







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