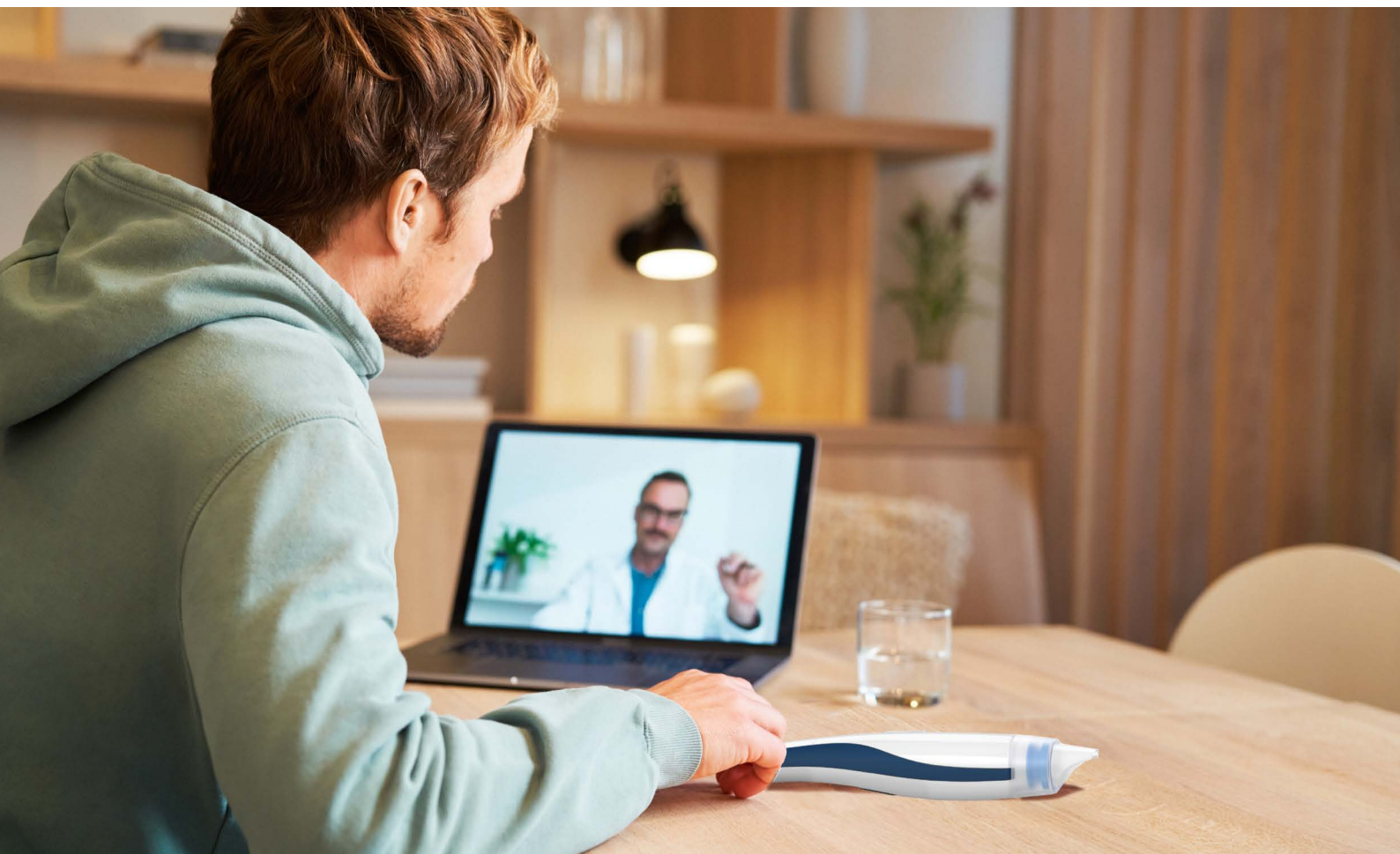


# Vivatmo: FeNO for clinical studies






## Cost-effective data enhancement

The biomarker Fractional Exhaled Nitric Oxide (FeNO) can significantly improve the diagnosis and therapy of asthma. The Vivatmo devices from Bosch measure FeNO in exhaled breath simply and precisely.


Vivatmo is the world's first and only FeNO monitoring system that combines measurement in the medical practice with measurement at home.




## FeNO home monitoring – benefits for clinical studies

-  Reduce cost of data collection (e.g. fewer on-site visits, lower device cost)
-  Collect more FeNO values during observation period
-  Enrich data set with app-recorded context info (e.g. symptoms, drugs, allergens)
-  Use more and enriched data to boost clinical insights
-  Enable more flexible study designs

# The Vivatmo system for clinical studies




**Vivatmo pro**




Measurement in **study center**

---



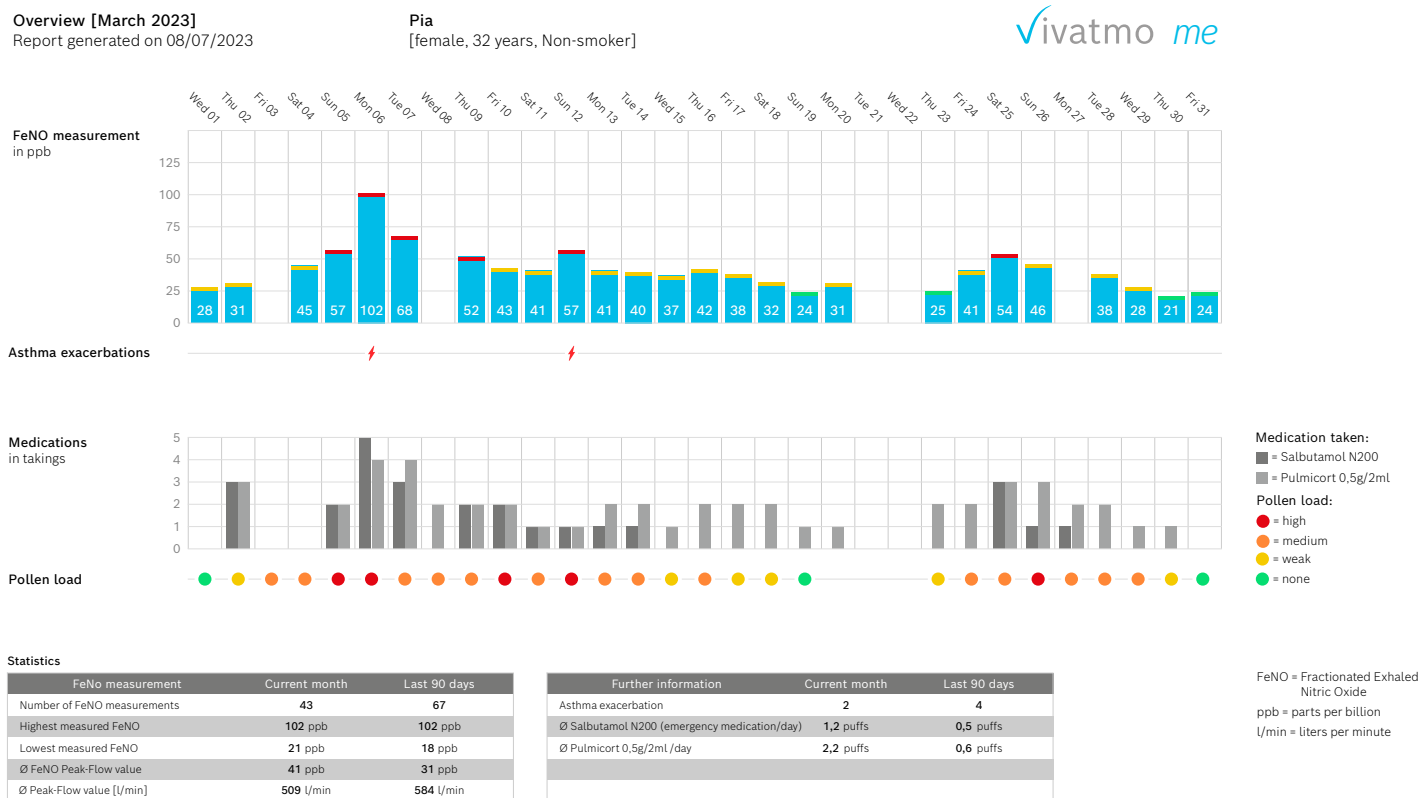
**Vivatmo me**  
+ Vivatmo app or  
third-party app via SDK



Measurement in **patient's home**





The Vivatmo system is ideally suited for conducting clinical studies. It consists of two devices: Vivatmo pro, the FeNO measurement device for use in study centers such as practices or clinics, and Vivatmo me, the world's only FeNO home measurement device for patients. The FeNO

values measured at home are transferred via Bluetooth either to the Vivatmo app or to any third-party app using the Software Development Kit (SDK). The Vivatmo app offers the export of reports (CSV or PDF) to obtain a direct overview of all relevant data.



Example of PDF report exported from Vivatmo app

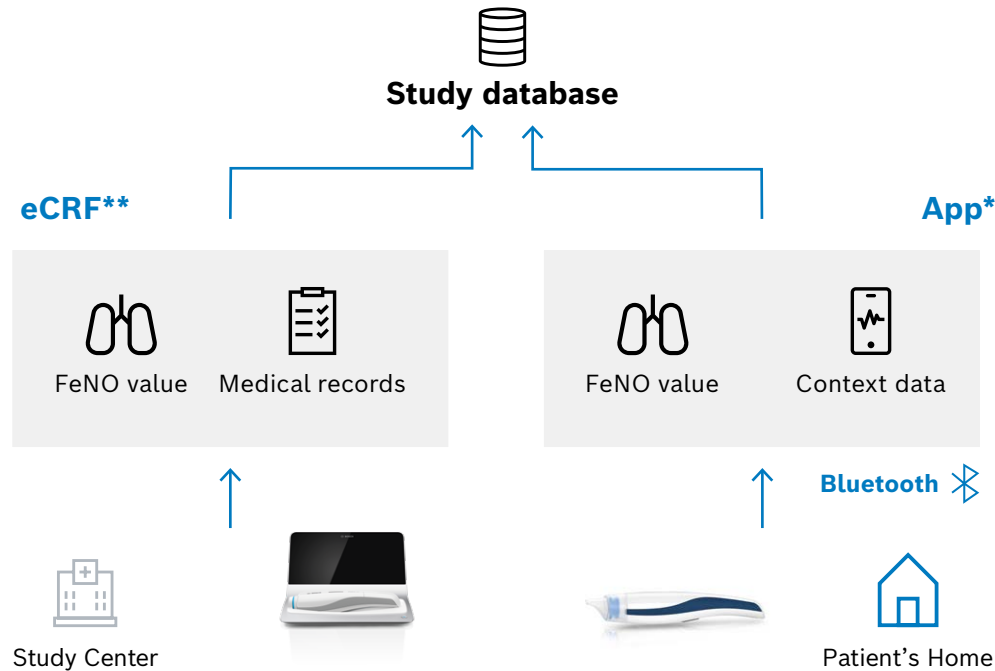
## Benefits of the Vivatmo system

-  Maintenance- and calibration-free through unique Bosch sensor technology
-  Easy and non-invasive measurement for objective and reliable data
-  Seamless Bluetooth transfer of FeNO values to the Vivatmo app or other apps
-  The Vivatmo app collects FeNO values and context data in a single source

## Easy integration of FeNO and context data

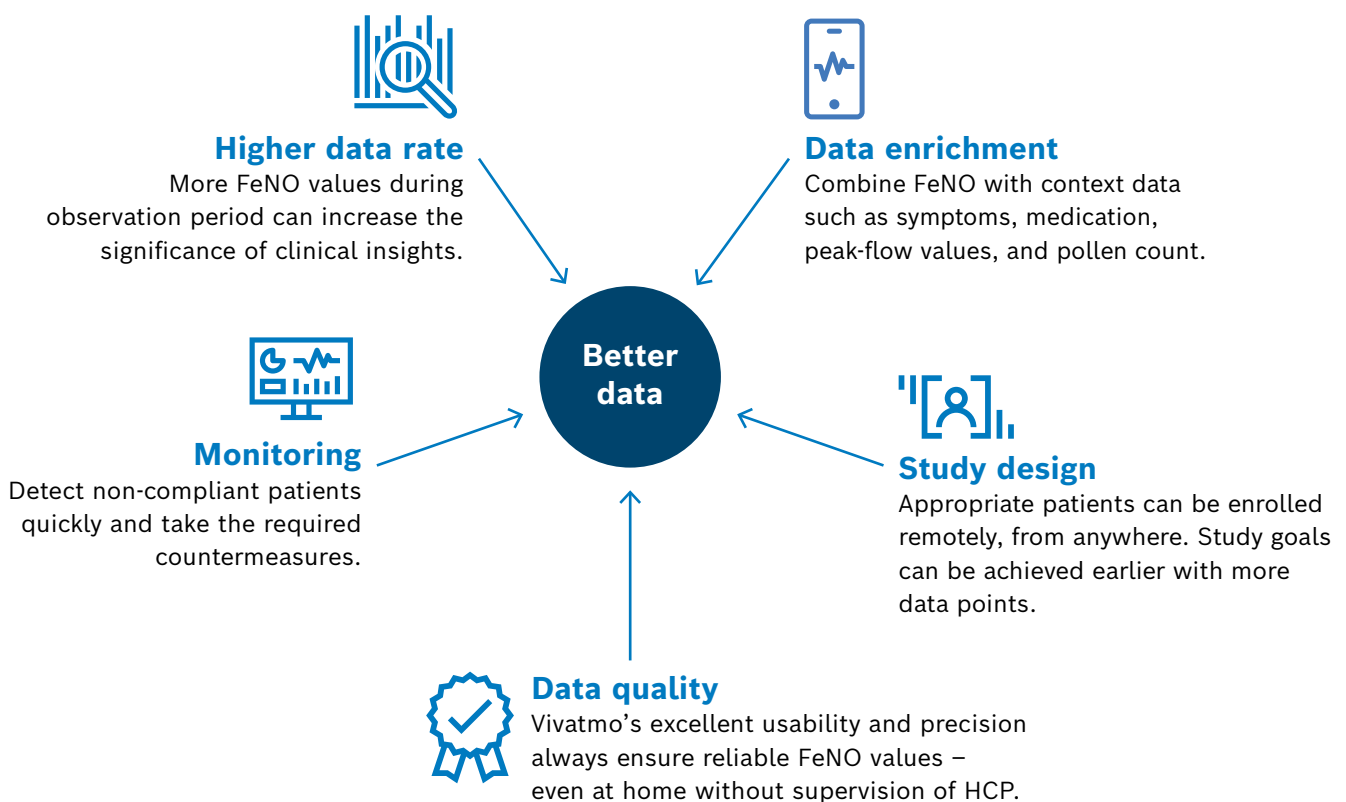
Vivatmo streamlines data integration for clinical research organizations (CROs). It enables easy consolidation of data from study centers and home monitoring into a central study database. The Vivatmo *app* facilitates transmission of FeNO values and context data from home

monitoring to the CRO's database via CSV. For seamless integration with healthcare IT systems, Vivatmo *pro* offers an HL7 and GDT standard-based interface. This eliminates the need for manual data entry and reduces potential errors.



\* Vivatmo *app* or third-party app via SDK  
 \*\* eCRF – electronic Case Report Form

## Improve insights and data quality with FeNO home measurement





**Bosch Healthcare Solutions GmbH**

Stuttgarter Str. 130  
71332 Waiblingen  
Germany  
info@vivatmo.com

[www.vivatmo-hcp.com](http://www.vivatmo-hcp.com)

Subject to modification without notice.

Printed in Germany. Any color variations are due to the limitations of the printing process.

Printed on 100% chlorine-free bleached cellulose manufactured in an environmentally friendly process.

Not all products are available in all regions. Check with your local representative for availability in specific markets. For in vitro diagnostic use only.

MDQ-01.733-01-EBA-218\_Rev01