



**Accu-Chek<sup>®</sup> Inform II system**  
*Professional glucose testing for the wireless age*

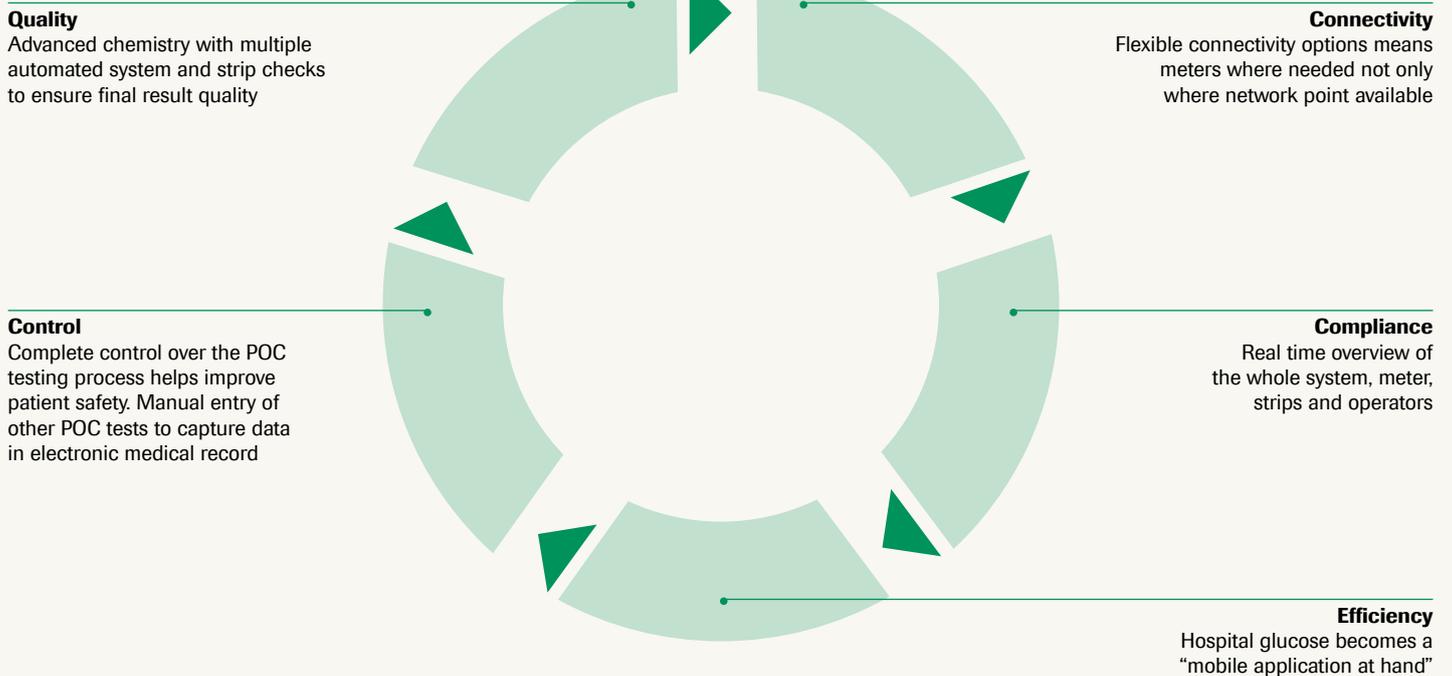


# The Accu-Chek® Inform II system

## Real time control



### The Accu-Chek® Inform II System overview



## Accu-Chek Inform II system components

### Accessory box

Convenient storage and transport of meter and consumables



### Lancets

A pioneering single-use lancing device offering three adjustable depth settings



### Code key reader

Entry of strip lot information into device. Ensures only approved test strips are used for testing



### cobas IT 1000 application



### Base Unit

Recharges meter battery. Allows for the transfer of data to and from the data management system



### Test strips

0.6 µL sample size  
5 second test time  
End dosing for easier testing



### Test strip vial

Flip top vial to maintain integrity of test strips  
18 months open vial stability



### Control and linearity solutions

Ensures function and accuracy  
2 levels of controls/  
6 levels of linearity





## Connectivity benefits in your hospital

### Control

- Integrated operator training, management and certification for Accu-Chek Inform II and all Roche POCT devices in a single solution

### Quality

- Fully automated testing procedure can reduce error potentials

### Connectivity

- Compatible with hospital WiFi communication standards, allowing for flexibility in implementation
- Wireless supports multiple security protocols to ensure the integrity of patient data

### Compliance

- Complete audit trail of meter/strips/user/QC related to every result available
- Automated transfer of patient and operator data to meters and IT system

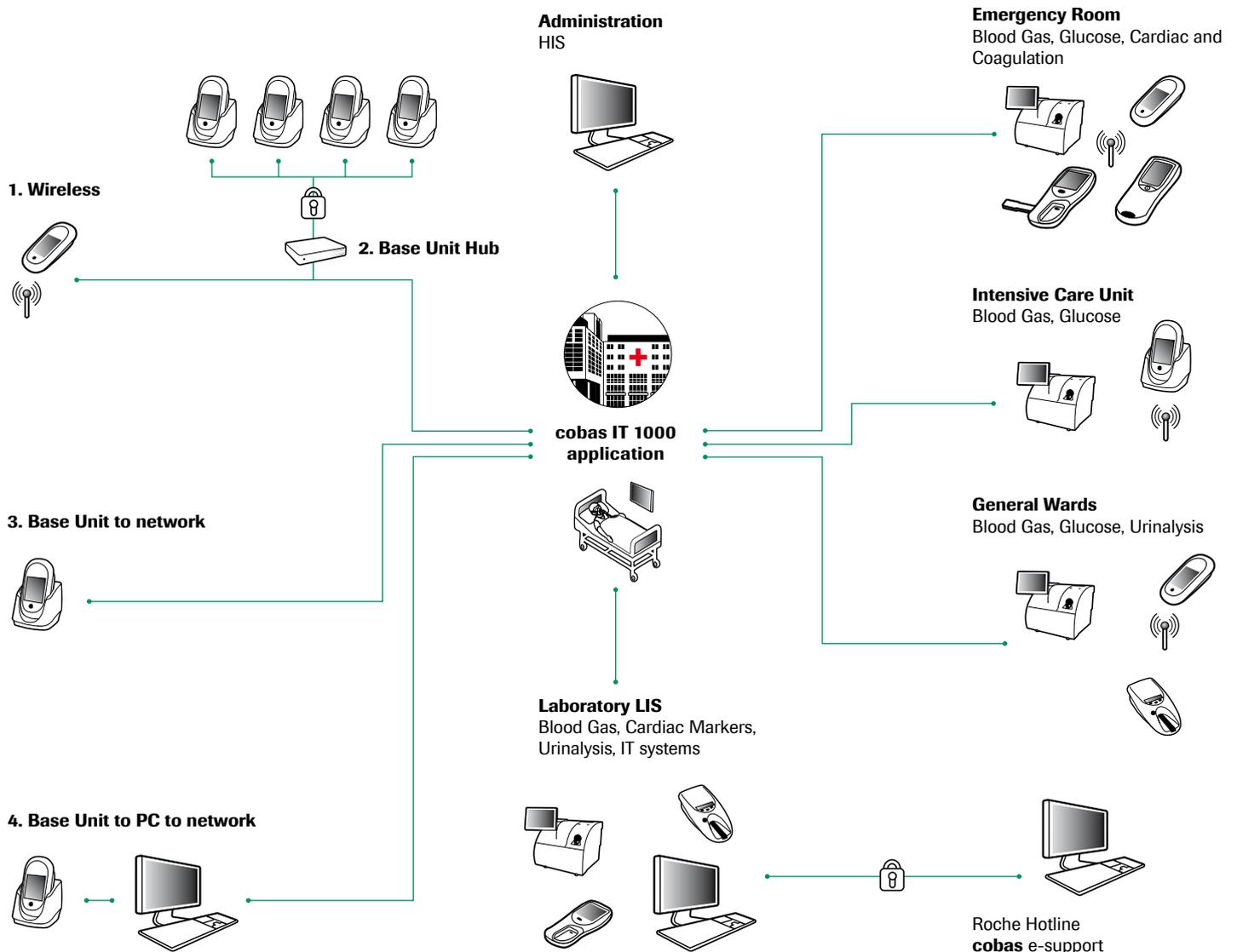
### Efficiency

- Central management and upload of strip lots
- Tailored e-learning and automated re-certification concept reduces training burden
- Other test entry captures and stores results for multiple POC tests for enhanced efficiency

# Accu-Chek® Inform II connectivity

*Highest flexibility to meet the needs of all networks*

## 4 Accu-Chek connectivity methods



# cobas Point-of-Care

*Flexible solutions designed to meet your needs*

## Accu-Chek Inform II system

Connected blood glucose meter with wireless functionality



## cobas b 221 POC system

Multiparameter blood gas, electrolyte, COOX and metabolite analyzer



## Reflotron Plus system

17 clinical chemistry parameters



## CoaguChek XS Pro system

Efficient, convenient and rapid PT/INR testing



## cobas h 232 POC system

Rapid determination of troponin T, NT-proBNP, D-dimer, CK-MB and myoglobin



## Urisys 1100 system

Automated rapid visual Urinalysis



## 3<sup>rd</sup> party instruments

More than 45 drivers for the most common requested non-Roche analyzers



cobas IT 1000 application



### Offering you control through cobas POC IT solution:

- **cobas IT 1000 application**  
Complete management of POC testing
- **cobas bge link software**  
Like standing in front of your blood gas analyzer
- **cobas academy**  
Your knowledge and competence center
- **cobas e-services**  
Remote support and troubleshooting





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# Accu-Chek® Inform II meter

## *The first wireless hospital glucose meter*

### Integral barcode scanner

Advanced bar code scanning for accurate patient ID confirmation

### Test strip port

Allows easy dosing of the Accu-Chek Inform II test strip

### Cover

Meter cover withstands robust cleaning and disinfection

### Touch screen

Allows for easy entry of information including patient ID and operator ID

### Flexible connectivity

Hardwire base unit or base unit hub to network or WLAN enabled for immediate transfer of patient results to the hospital medical record

### Battery

50 tests after 4 hour recharge



### Code key reader

Centralized entry of strip information into meter enables central control ensuring only approved test strip lots are used for testing



*Life needs answers*

# Accu-Chek<sup>®</sup> Inform II meter

## Technical specifications

### Specification

<b>Height</b>
<b>Width</b>
<b>Length</b>
<b>Weight</b>
<b>User interface</b>
<b>Result memory</b>
<b>Operating temperature (review functions only)</b>
<b>Storage temperature</b>
<b>Humidity (operating)</b>
<b>Air pressure</b>
<b>Input voltage</b>
<b>Input frequency</b>
<b>Input current</b>
<b>Battery</b>
<b>Tests</b>

### Meter

44 mm / 1.73 in
95 mm / 3.74 in
193 mm / 7.60 in
347 g (with rechargeable battery)
Touchscreen and barcode scanner
At least 1,000 results
3 to 50 °C (37 to 122 °F)
5 to 40 °C / 41 to 104 °F at 10 to 85% RH (non-condensing)
10 to 90% RH (non-condensing)
0.7 to 1.06 bar / 70 to 106 kPa
+ 7.5 V DC
DC
1.7 A (max)
Lithium-ion rechargeable (8 hr to full charge)
50 tests after 4 hours recharge

### Key technical features

**First truly wireless hospital glucose meter with optional in-built WiFi card**

No need to dock the meter to transmit results

Helps to enable faster therapeutic decision making to improve patient care

Real-time updates to patient information for continuity of care

Real-time control of both meters and operators

**Flexible bi-directional connectivity options to LIS/HIS**

Enhances patient ID confirmation, reduces potential errors

**Designed to easy to clean**

Withstands new aggressive cleaners

**Graphically driven menus**

Easy to use, easy to train

**Rechargeable batteries**

50 tests after 4 hour recharge

**Software updates may be made centrally to all meters from cobas IT 1000 application**

Synchronized software and functionality

**Central control of active test strip lots**

Helps to streamline nursing workflow

**Other test entry (OTE) captures and stores results for multiple POC tests**

Captures manual tests to the electronic patient record

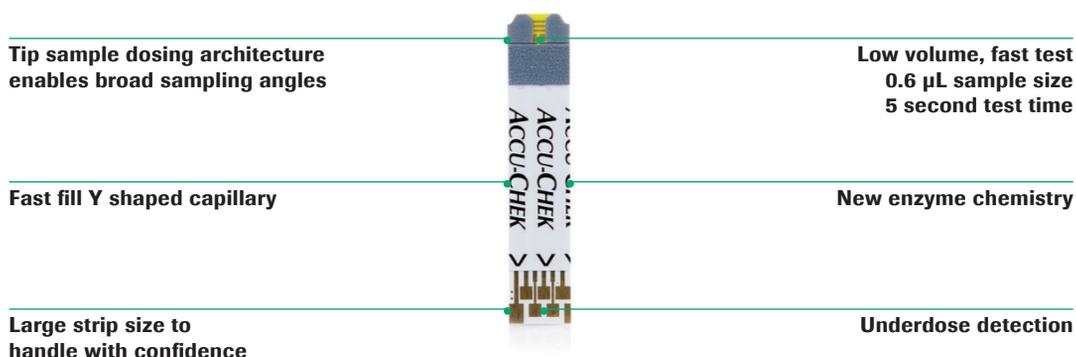
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# Accu-Chek<sup>®</sup> Inform II test strip

## *Advanced design for hospital needs*



### Physical design to ensure easy handling

- “Touchable” strip has protected dosing area
- Designed to minimize potential of cross contamination and ensure highest quality results

### High contrast large dosing area

- Easy to target sample especially in low light settings during night shift
- Dosing site architecture allows multiple sampling application angles

### Easy to use, designed for busy hospital workflows

#### Fast capillary fill

- “Y” shaped capillary window acts like a funnel to help draw blood into the strip quickly

#### 5 second measuring time

- Results available faster, faster treatment decisions possible

#### Small blood sample

- The Accu-Chek Inform II test strips only require 0.6 µL. Better first time testing

### Extensive strip and sample integrity checks

#### Fail-safes prevent inaccurate tests before sample taking

- The Accu-Chek Inform II system utilizes AC and DC impulses, this technology detects strips damaged by moisture and/or temperature
- Contacts detect scratched strips and can either compensate or reject them depending on the electrical resistance

#### Underdose detection

- Dedicated contacts signal the meter when there is enough blood in the strip to start measurement
- No under-sampling errors possible – peace of mind where sample volume is an issue
- Highest quality results ensured



Life needs answers

# Accu-Chek® Inform II test strip

## Technical specifications

### Specification

**Measurement principle**

**Range of measurement**

**Measurement time**

**Operating temperature**

**Sample volume**

**Hematocrit range**

**Altitude**

**Sample types**

**Calibration**

### Test strip

Modified glucose dehydrogenase (Mut. Q-GDH) - electrochemical detection technique

10 to 600 mg/dL (0.56 to 33.31 mmol/L)

5 seconds

8 to 44 °C (46 to 111 °F)

0.6 µL

10 to 65%

< 3,094 meters above sea level (10,150 feet)

Capillary, venous, neonatal, arterial

IFCC plasma

### Accu-Chek Inform II system components

#### Accessory box

Convenient storage and transport of meter and consumables



#### Lancets

"Pain free" single-use lancing device offering three adjustable depth settings



#### Code key reader

Entry of strip information into device. Ensures only approved test strips are used for testing



#### Base Unit

Recharges meter battery. Allows for the transfer of data to and from the data management system



#### cobas IT 1000 application



#### Test strips

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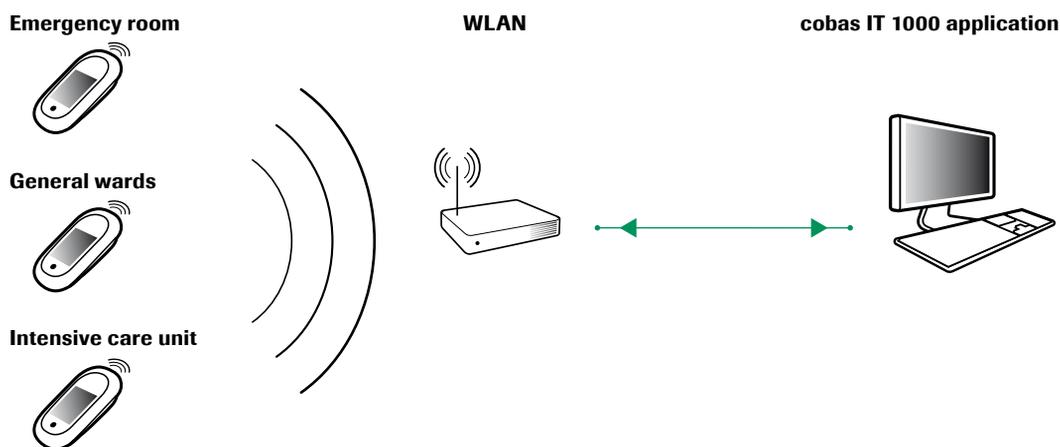
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# Accu-Chek® Inform II connectivity

*Improved workflows with real time access*



## Connectivity tailored for the most challenging hospital networks

### Complete central control

- Real time automatic management and control of instruments, operators, QC and glucose results
- Instruments guaranteed locked out if problem occurs.
- Automatic test result transfer
- All results actually get into the electronic medical record, No missing results, no time lag

### Access to the bedside

- Improve nursing workflow by placing meters where needed without being limited by network point locations

### Safe and secure data transmission

- Wireless standards utilized meet modern and secure Hospital protocol standards
- Supports 802.11.g/b wireless communications
- Multiple security protocols to ensure the integrity of patient data.

### Easier to implement

- Uses the existing hospital wireless network – No additional costs, no additional wiring
- Compatible with modern hospital WiFi standards, allowing for easy implementation.
- Experienced Roche project managed installation to ensure seamless implementation

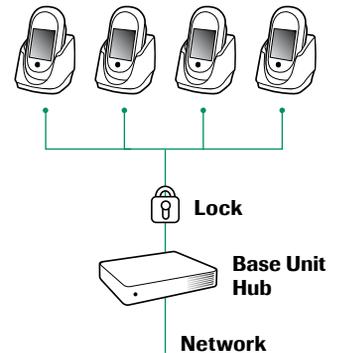


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# Accu-Chek® Inform II Base Unit

## Technical specifications

Specification	Base Unit	Base Unit Light	Base Unit Hub
<b>Height</b>	110 mm / 4.33 in	110 mm / 4.33 in	35 mm / 1.38 in
<b>Width</b>	118 mm / 4.65 in	118 mm / 4.65 in	169 mm / 6.65 in
<b>Length</b>	103mm / 4.06 in	103 mm / 4.06 in	127 mm / 5.00 in
<b>Weight</b>	615 g (with wallmount)	615 g (with wallmount)	470 g
<b>User interface</b>	LED (red, green, blue)	LED (red, green, blue)	LED (red, green, blue)
<b>Operating temperature</b>	3 to 50 °C / 37 to 122 °F	3 to 50 °C / 37 to 122 °F	3 to 50 °C / 37 to 122 °F
<b>Input voltage/current</b>	+ 7.5 V DC/1.7 Amp (max)	+ 7.5 V DC/1.7 Amp (max)	+ 7.5 V DC/1.7 Amp (max)



### Wireless to network

Supports 802.11.g/b wireless network communications

- WEP encryption is supported using 64 or 128 bit encryption
- Wi-Fi Alliance® certified for WPA™ and WPA2™ using TKIP or AES

### Base Unit to network

Base unit acts as physical docking and charging station and hardwire connection to the hospital network

### Base Unit Light

Intended to be used with wirelessly enabled Accu-Chek Inform II devices if used solely as a charging station or together with base unit hub

### Base Unit Hub

Intended to be used in conjunction with multiple Base Unit Lights, in order to: Provide connectivity where there are limited network drop points available

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**cobas<sup>®</sup> academy**

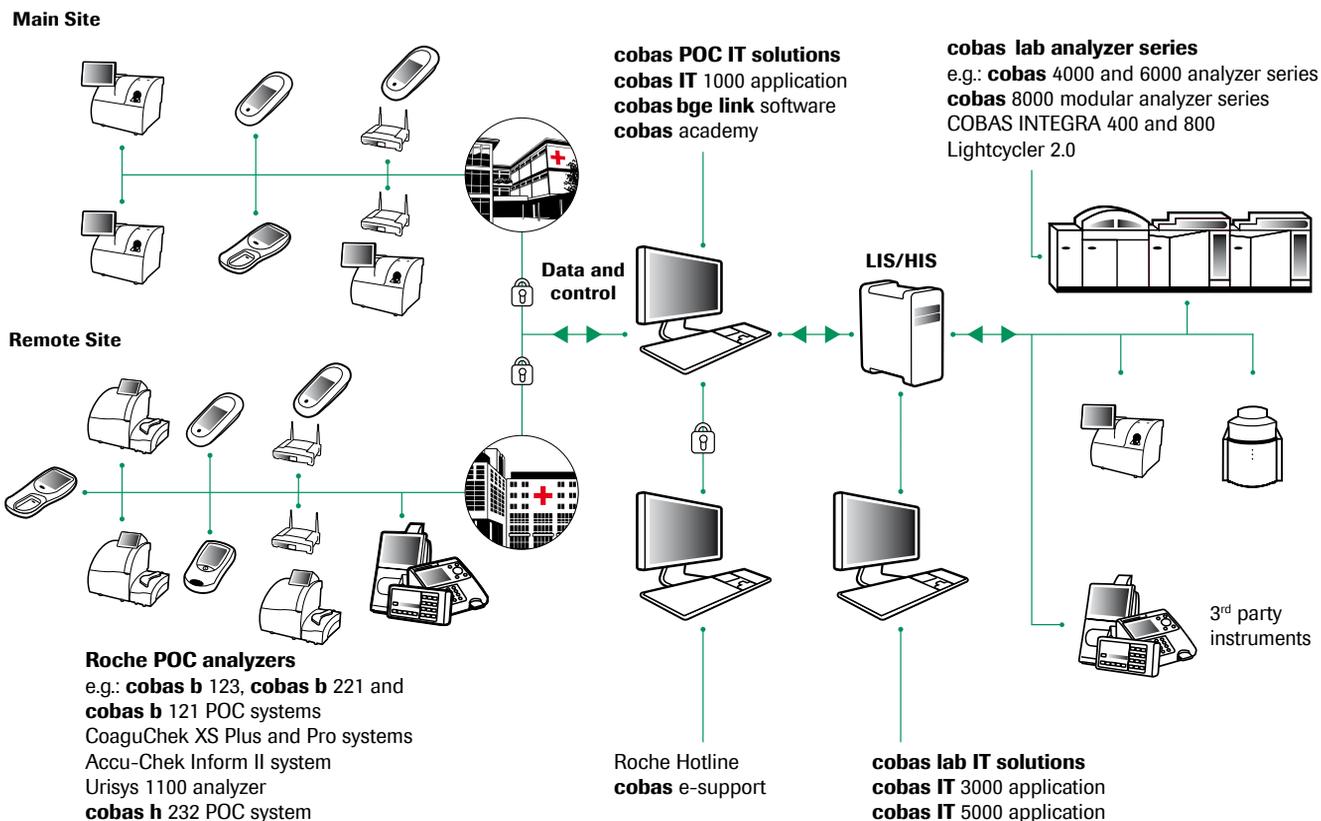
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*Life needs answers*

# cobas academy: a module of the cobas POC IT solution



## Confidence

- in the usage and condition of all analyzers
- in the reliability of results
- from a single point of control which connects all areas of the hospital
- that only trained users can run test on known instruments that have passed their quality control
- from the seamless integration of results into the LIS/HIS
- from the help in meeting regulatory and ISO standards
- from the reduced risk of transcription errors
- from the increased security through password protection

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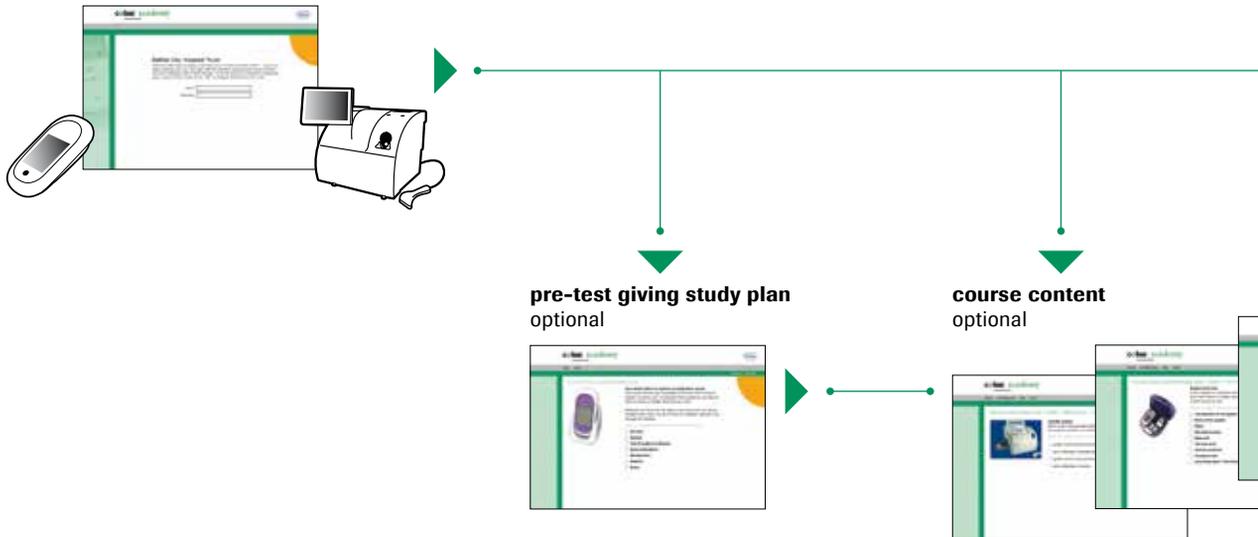
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# cobas<sup>®</sup> academy

*Your knowledge and competence center*

## cobas academy workflow

### log on & choose course



### cobas academy is

- a powerful customizable training and user management tool
- an integral part of every **cobas** POCT solution in combination with **cobas IT** 1000 application
- a tool allowing username and password security protection for the advanced Roche PoC instruments
- a means of existing end users demonstrating their competence and knowledge
- a tool allowing you to deliver your content to your staff
- flexible, safe and cost effective

### cobas academy means that you can

- offer on-line training courses for your Roche point of care devices
- tailor courses to reflect your organization's needs
- demonstrate compliance with regulatory and other requirements
- effectively manage the user recertification process without
  - time consuming face to face training
  - shift management and attendance issues
  - additional costs
- offer face to face training only to the minority who need it

### cobas academy can be customized to

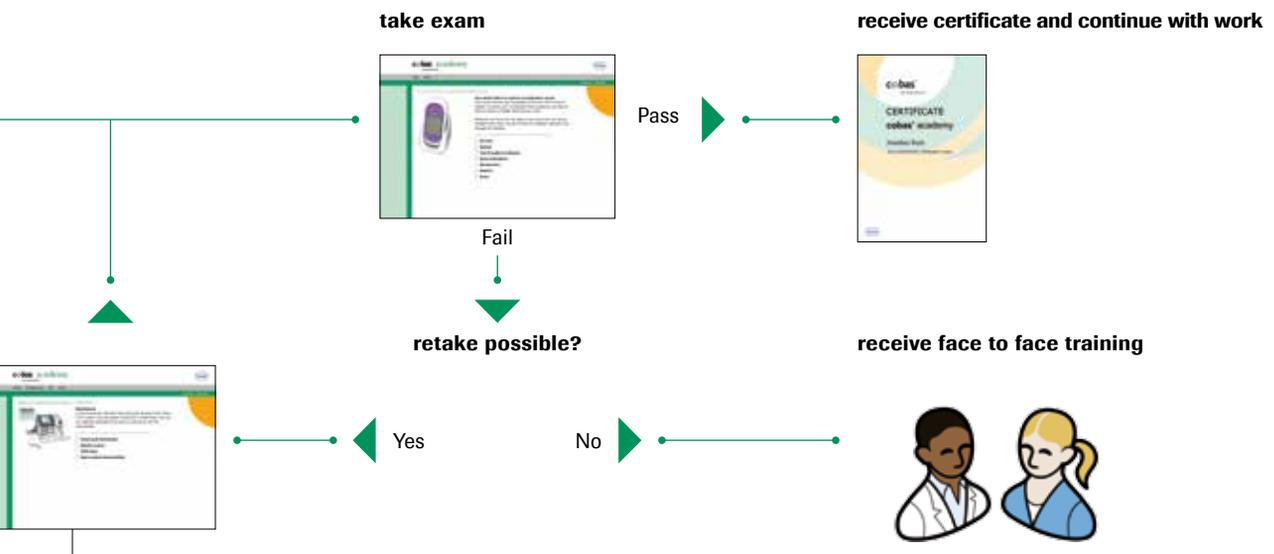
- your site's workflow
- cover all competence topics
- include
  - introductions
  - pass level for the exam
  - mandatory questions
- your content requirements
- include your logo to the certificate

Standard course

**cobas** academy shipped for installation

You sign off content when satisfied

Custom  
proc



**Usability**

- Intuitive user interface requires no special training
- Integrated online help function
- User home page shows user’s status at a glance
- Bookmark feature marks user’s current position
- Pre-test can be either optional or mandatory

▪ **Simplicity to maximize acceptance by IT and users alike**

**User Management**

- Integrates with **cobas IT 1000** application
- Allows a single user database
- Automates the re-certification process
- Reduces complexity with a single log on for all advanced Roche Systems
- User certification reports in **cobas IT 1000** solution

▪ **Improved workflow efficiency by integration with other Roche PoC systems**

**Security**

- User password can be self managed to meet your IT regulations and legal requirements
- Unique exam is generated for every user to give managers confidence in user competence
- Exam designed to reflect your local requirements

▪ **Doing the basics so you don’t have to**

