



Roche Accu-Chek Inform II solution *Safe for patients. Simple for professionals. Efficient for hospitals.*

Product information for Point of Care coordinators

Blood glucose testing is an important standard of medical care in hospitals. Point of Care (POC) glucose monitoring brings professional glucose testing to the bedside for multiple users – resulting in more efficient use of time and less need for specialized laboratory resources.

Connected glucometers enable result display within seconds and automated documentation, making accreditation very convenient.

The Accu-Chek Inform II solution comprehensively comprises a hospital glucose testing system with a sophisticated POC IT module, together contributing to efficient workflow management, resulting in significant cost savings.¹ Both help hospitals and healthcare professionals to improve patient care.



POC coordinators benefit from assured patient safety, premium quality of results, automated re-certification and by your side-support because the Accu-Chek Inform II solution is:

- designed to manage hospital blood glucose traffic*
- automated to fulfill laboratory standards bedside*
- organized to support you in continued success*

Roche offers a complete solution for professional testing of blood glucose in hospitals with the Accu-Chek Inform II meters, lancets, strips, quality control material, and with a comprehensive POC IT solution. Together, the Accu-Chek Inform II solution supports POC coordinators, physicians, nurses, IT experts and infection control managers to better manage their complex working tasks in a more efficient way.



Accu-Chek Inform II glucometer



Accu-Chek Inform II test strips



Accu-Chek Performa quality controls



Safe-T-Pro Plus lancets



cobas® infinity POC IT solutions



cobas infinity POC mobile

Assured patient safety

The Accu-Chek Inform II solution brings laboratory safety standards to bedside glucose testing and ensures safety for patients and users.



Premium quality of results

enables POC testing to meet the highest lab standards when non-laboratory experts conduct glucose testing.

By your side-support

is a given for continued success with your hospital blood glucose solution – provided by the market leader in hospital glucose testing.²



Automated re-certification

of device users and many other automated job tasks centralize the decentralized POC traffic efficiently.

Many design features assure patient safety through infection control, that is made possible by the integrated product design of the meter strips and lancets, and also through customized reporting of actionable data that support improved clinical decision-making.

Assured patient safety

The Accu-Chek Safe-T-Pro Plus lancing devices are designed for painless use to assure patient comfort while the integrated lancets retract automatically to guarantee infection control.

The design of the Accu-Chek Inform II meters with sealed meter housing allows easy cleaning and disinfection between every patient test – time after time. It is proven by studies that live viruses are inactivated effectively.³

A three-step patient identification process reduces the risk of errors and mismatches at the meter level, and patient data security is guaranteed with authorized user access to the **cobas® infinity** POC IT solutions.

Configurable reporting of actionable data meets the needs of different user roles to support improved clinical decision making for patient safety – easy and fast.

The Accu-Chek Inform II solution delivers reliable, trustworthy test results applicable to all in-hospital patient populations including chronic diabetics or patients with stress-related hyperglycemia, and adults or neonates on the ward, in the intensive care unit or in the emergency room.⁴⁻⁸

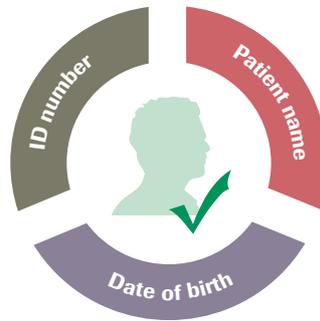
The Accu-Chek Inform II solution gives you new confidence in your ability to assure patient safety – reducing the risk of medical errors and improving patient outcomes.



Lancets designed for safety and convenience



Configurable reporting for improved clinical decision making



Secure three-step patient identification



Reliable results for general population



and for neonate population⁴



and for ICU population⁹

Premium quality of results meet the highest lab standards with proven repeatability, reproducibility and a widely tested interference profile. Excellent accurate result performance gives confidence to all healthcare professionals.



Premium quality of results

Full traceability to National Institute of Standards and Technology standards, from routine testing in the hospital to the NIST glucose master lot, assures test result quality according to laboratory standards.

Roche follows additionally lot-to-lot calibration to eliminate slight variations caused in the manufacturing process – thus providing the best possible consistency from strip lot to strip lot.

The Accu-Chek Inform II solution is the only hospital blood glucose solution that fulfills the most recent and relevant guidelines for intensive care unit patients in arterial blood samples.⁹

The meter prevents the use of invalid and/or expired strips by signaling an alarm that prompts the user to take corrective action.

Studies with capillary samples show 99.2% correlation with plasma-like reference samples and excellent in performance with 99.5% of results within 15/15 bias requirements, as per the newest ISO 15197:2013 standard.^{10,11}

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Another study shows excellent performance and 100% accuracy in venous and capillary blood.¹²

Over 190 potential interfering substances were tested with no relevant impact on quality of results.¹³

Studies show excellent reproducibility and repeatability again emphasizing premium quality of results.¹⁴

- **Standard deviation:** <3.0 mg/dL
- **Coefficient of variation:** <4%
- **Standard deviation:** 1.2 mg/dL
- **Coefficient of variation:** <1.8%

The Accu-Chek Inform II solution delivers industry-leading quality for you to deliver results clinicians can trust and that help you stay compliant.

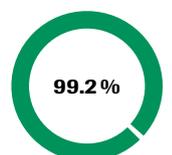
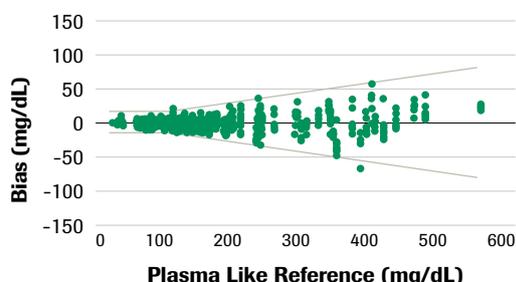


Detection of expired strips for patient safety



Accuracy with Capillary Whole Blood

5 outliers = (0.8%), Mean Bias = -0.8 95% CI (0.3, 1.9)
SD = 5.3, N=600, ed Abs Bias = 3.5 95% CI (-1.2, -0.4)



99.2% correlation with plasma-like reference samples⁴

The Accu-Chek Inform II solution centralizes POC traffic by automating many processes – all available from a mobile device, keeping POC coordinators productive even while they are away from the office.



Automated re-certification

The **cobas® infinity** POC is an IT module specifically designed for POC management and connects to the Hospital Information System/Laboratory Information System. It automates processes and enhances workflow efficiency.

Integrated into the Accu-Chek Inform II solution, the **cobas® infinity** POC allows POC coordinators to fully automate the user certification and to administer the training process automatically – saving significant amount of time.

The POC coordinator sets personalized rules for training and performance tracking; the Accu-Chek Inform II solution automates its' implementation with automated notification and documentation leading to automation of compliance.

- New certification status
- Tailored courses
- Automatic alerts
- Automated compliance

The module for online training courses can be integrated with the existing hospital learning management system, personalized and automated. An integration with the Accu-Chek Inform II solution helps to keep compliance on track at any time. Online training courses from other vendors can also be integrated.

Supervised blood glucose testing with patients was made available to POC coordinators with the Observed Test Sequence feature to test practical operator competence, as per compliance rules. If the supervised test is passed, the Accu-Chek Inform II solution links the result with the online training evaluation outcome. If not passed, the Accu-Chek Inform II solution prevents unauthorized use of glucometers with an operator lock-out function on the meter level.

An application that can be installed on the POC coordinator's mobile phone enables access and action on the go while away from the office.

Management of user performance and user training can be done from anywhere, and even user lock-outs can be managed in time to prevent unauthorized use.

Taking care of tasks while away from the office enables a POC coordinator to do more in less time and have more time for added-value activities.

The automated functionalities for re-certification of users make workflow management very efficient, help to reduce the administrative burden and ensure that devices are always in the hands of fully trained users.



Organization of online training courses remotely



Automation of online training courses for users



cobas® infinity POC mobile enables access and action from a mobile phone

Excellence in project management, the result of more than 20 years of experience in service and by your side-support for connected blood glucose testing, make Roche Diagnostics a preferred choice for professional blood glucose testing in the hospital.



By your side-support

Roche, the market leader in hospital blood glucose testing² with over 150,000 in meter placements in the world and a broad expertise in system installation, analysis, consultancy and user training, will configure the hospital blood glucose solution according to your needs and implement projects to its full potential.

Excellence in project management, full service and user group meetings to share best practices is available in over 50 countries and is enhanced by your side-support.

You will have the right support close to hand, from installation to long term servicing and support for your devices and users, to keep everything working smoothly.



Confidence in expert project management

POC coordinators benefit from the Roche Accu-Chek Inform II solution in many different ways:

Patient safety, premium quality of results, automated re-certification and by your side-support make this comprehensive hospital blood glucose solution a very efficient workflow management tool.

It helps save time and costs by being automated to fulfill laboratory standards bedside.

Roche is organized to support you in your continued success.

The Roche Accu-Chek Inform II solution helps you and the hospital to improve patient care.

References

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