

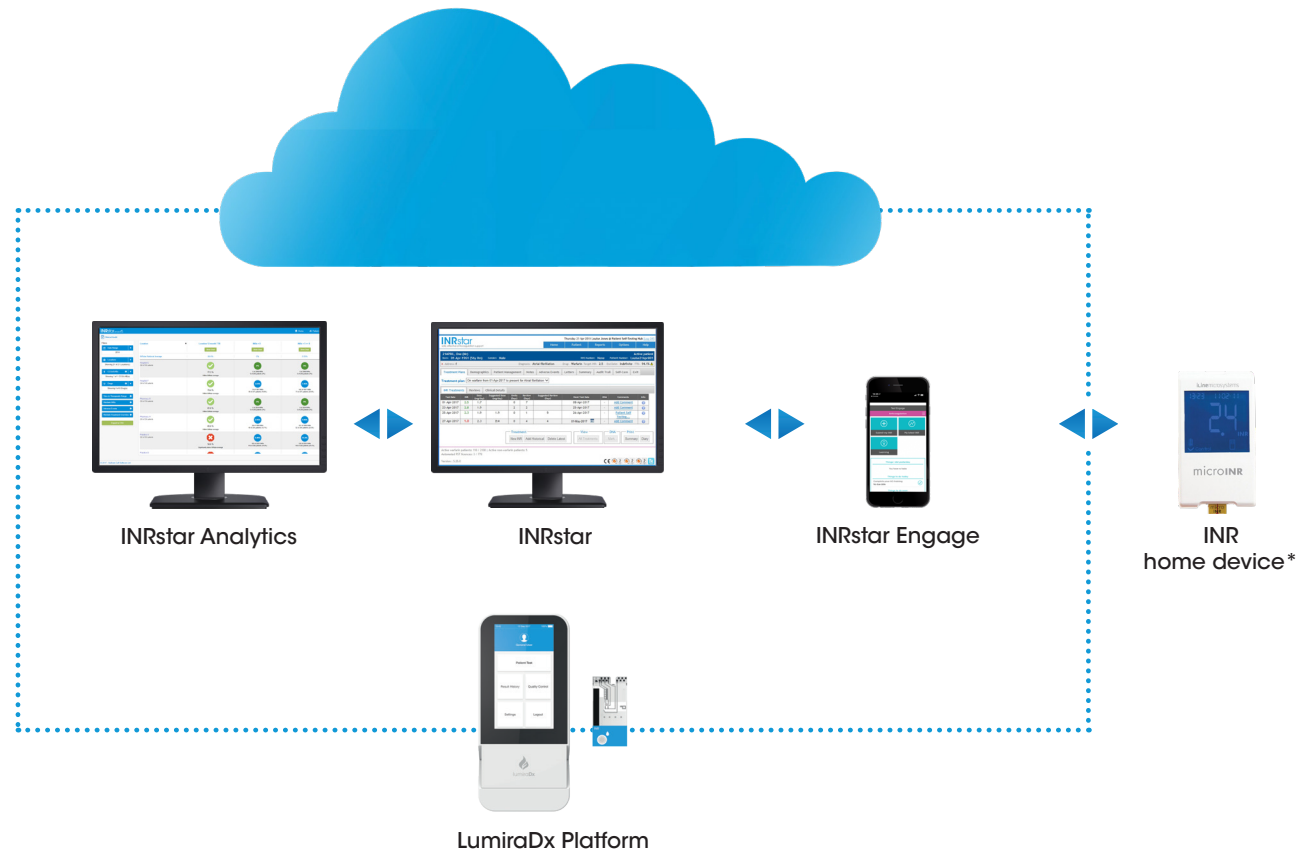


Complete digital
anticoagulation
management

Smarter solutions,
better outcomes



Our complete digital anticoagulation management solution is especially attractive to healthcare organizations, allowing them to manage all anticoagulation patients in one place, display multiple anticoagulation services across an area, gain instant access to data allowing monitoring of best practice and achievement of improved clinical outcomes. Ultimately, offering greater patient choice and bringing care closer to home.



LumiraDx complete anticoagulation management solution

INR self-testing in patient's home



INR home device*



INRstar Engage: Connected self-care

Anticoagulation management - clinic managed



Digital Dosing Diary



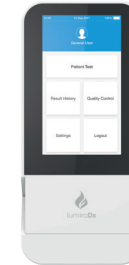
DOAC care programme



Clinic / INR testing



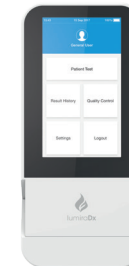
Connect Hub



Nurse-led testing in patient's home



Connect App



INRstar – Award-winning anticoagulation software

INRstar provides complete anticoagulation support for the induction, dosing, review and connected self-care of patients on both warfarin and direct oral anticoagulant drugs (DOACs/NOACs), helping care teams to manage patients safely and effectively.

INRstar is used in over 2,700 locations with 284,000 active patients making it the most used anticoagulation clinical decision support software in the UK.

INRstar integrates with the LumiraDx Platform enabling complete digital anticoagulation management with diagnostics and diagnostic-led care.

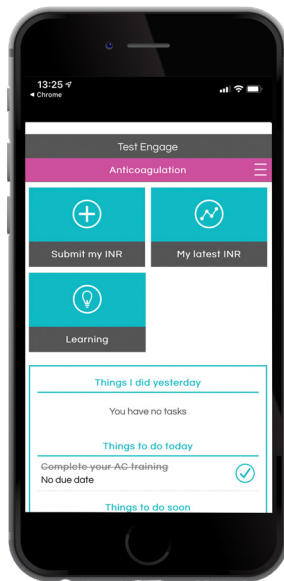
- Clinical decision support software, INRstar for healthcare professionals (81.2 % of VKA patients managed in INRstar with a TTR (Time in Therapeutic Range) of greater than 65 %)
- Ability to integrate with PAS, LIS, EHR, Clinical Systems, PT-INR point-of-care meters (clinics and self-testing)
- Central reporting at population level, INRstar analytics for commissioners
- Connected self-care, INRstar Engage app for patients



INRstar Engage – Stay connected with the INRstar Engage app

One single patient app: INRstar Engage our easy-to-use app supports you to deliver tailored care for all your anticoagulation patients remotely including patients on direct or novel oral anticoagulants (DOACs / NOACs).

INRstar Engage transforms the way you and your patients connect – securely integrating patient data and devices with their INRstar record and clinical system.



INRstar, INRstar analytics and INRstar Engage specifications

INRstar

Safety	Clinically risk assessed, IVD complies with all UK / EU medical device regulations, CE marked, ISO 13845:2016 certified, 9001:2015 certified, 27001: 2013 certified
Auditing	Audit capabilities / quarterly audit
Reports	Location specific reporting
TTR	Monitoring at patient and location level
Integration	Clinical systems (TPP, EMIS & INPS) and HL7 integration
Permissions	Role-based permissions
Drugs	Supports warfarin, DOACs, acenocoumarol and LMWH

INRstar analytics

Drugs	Supports warfarin, DOACs, acenocoumarol and LMWH
Benchmarking	National benchmarking against all INRstar locations
Reports	Monitoring clinical outcomes and for auditing purposes
Anonymised Data	Allows commissioners to view location specific data without identifying patients

INRstar Engage app

Care Programmes	Digital Dosing Diary, Warfarin self-testing, DOAC support
Platforms	Available on smartphones, tablets and web
Safety	Clinically risk assessed

The smart point of care diagnostic platform

The LumiraDx Platform is an innovative, next generation point of care system that combines a small, portable instrument, advanced low cost test strip and seamless digital connectivity. Its proprietary technology enables it to deliver exceptional point of care clinical performance, while being simple and easy to use.

- Designed to measure a number of parameters
- Performance referenced to laboratory tests
- Portable instrument, seamless connectivity
- One simple, intuitive test workflow
- Fast results in minutes
- Small sample size including capillary blood
- Room temperature storage



LumiraDx INR Test – Convincing assay performance

The LumiraDx INR test is an enzyme kinetic assay based on Thrombin activity.

The coagulation cascade is activated by the test reagents and INR is calculated from the measured PT-time. Haematocrit is also measured on the strip to ensure patients are within the 25-55% range. The accuracy of the LumiraDx INR test is comparable to the ACL Elite lab reference method.

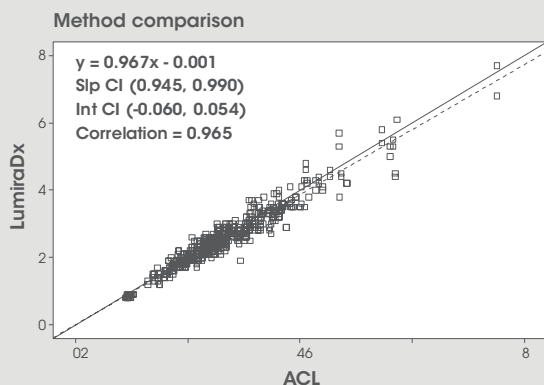
INR Test Strip specifications

Displayed results	INR
Storage temperature	Between 5 °C and 32 °C (41 °F and 89 °F)
Operating temperature	Between 15 °C and 30 °C (59 °F and 86 °F)
Measuring range	0.8–7.5 INR
Sample size	Capillary: 8 µL
Sample type	Fresh capillary whole blood – taken by finger-stick or via non-anticoagulated transfer tub
Time to result	INR results in 60–90 seconds*
ISI	Approx. 1.0
Interferences	See INR Test Product Insert for details

*Supratherapeutic INR > 4.0 test result could take 90-180 seconds

Accuracy

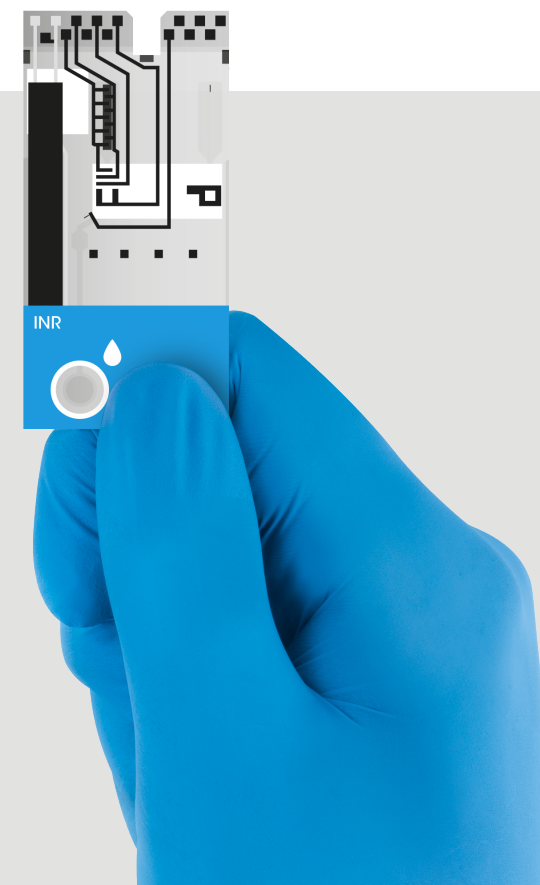
Direct Capillary Blood (596 samples from 326 patients) was collected from multiple sites. Reference method was ACL Elite Pro Coagulation Analyser.



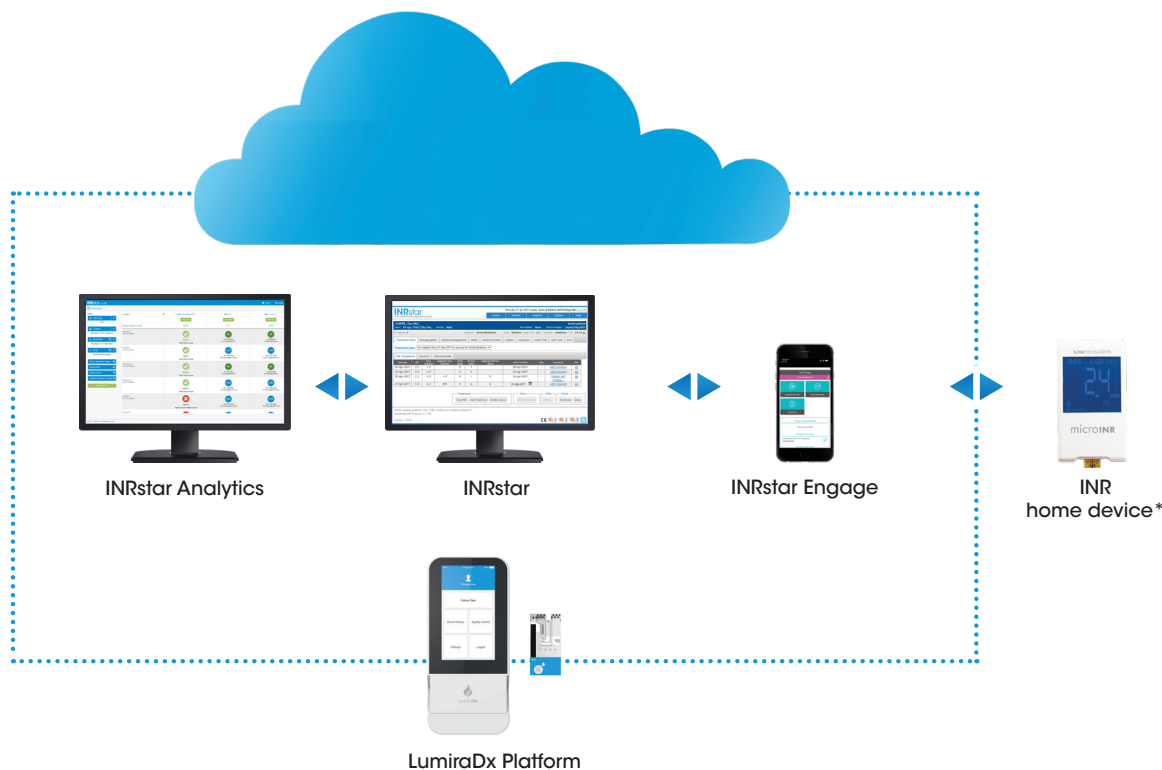
Precision

Determined for capillary blood from sample duplicates collected at multiple sites. The following results represent the mean paired rep %CV for both direct and transfer tube application.

Sample	n	Mean INR	Mean % CV
Direct application	284	2.54	3.46
Transfer tube	291	2.53	3.73



LumiraDx Cloud Services



The cloud services components of the LumiraDx solution in the UK are hosted in secure data centres, certified to UK Government standards. The data and the encrypted back-ups taken to enable data recovery in the unlikely event that it would be required, will not leave the UK/EEA unless appropriate data transfer safeguards are in place. LumiraDx work closely with the data centre provider to ensure all aspects of the cloud infrastructure are managed and operated to required standards, the data centre is also certified to meet information security and data protection requirements for other countries.

- Primary data centre locations in the UK: Reading and Harrogate
- Comply with GDPR requirements

For more information on the LumiraDx Platform, LumiraDx Connect, INRstar and INRstar Engage refer to related content pages on lumiradx.com

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* iLine home testing device available through LumiraDx channels in UK and Ireland only.



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