



## Reshaping infusion therapies

Freedom without clinical compromise

 micrel

# Monitor your patients anytime, anywhere

The environment in which we treat patients is changing.

## **The home**

The ability to care for patients in their own homes is becoming a priority, which means healthcare workers face new challenges when it comes to monitoring progress.<sup>1</sup> After all, real life doesn't wait for a patient check-up or inventory check - it happens in real time. In order to deliver accurate and efficient care, we need to reshape infusion therapy for the new home-care setting.

## **The hospital**

With growing time and capacity pressures on hospital staff, the need for faster access to clinical information is becoming increasingly important in order to maintain a high level of patient care. Greater automation of infusion devices will help to improve hospital efficiencies, and allow for more detailed recording of patient data through electronic management systems.



*Reshaping infusion therapies*

# Out of sight shouldn't mean out of mind

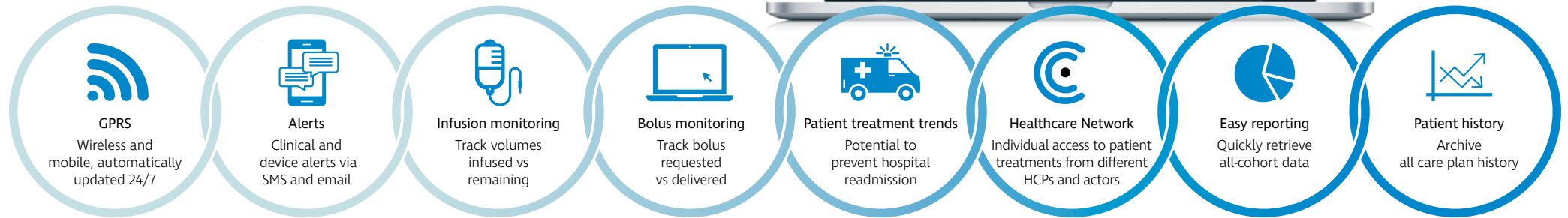
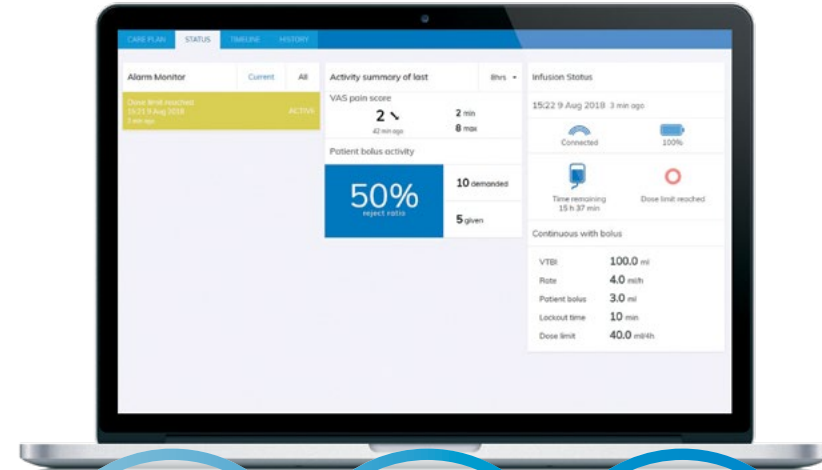
MicrelCare, our innovative web-based care management platform, has been created with this challenge in mind. Our mission is to transform exceptional patient monitoring into routine practice, and ensure that healthcare workers have the data they need to accurately and efficiently care for patients, wherever they are.

MICREL©CARE

With MicrelCare, you have an instant view of your patients' infusion status with automatically updated data sent wirelessly. With frequently updated volumes, patient feedback, catheter pressure readings and infusion trend reports, you can make truly informed decisions about how to progress.



# Reshaping infusion therapies



We've centred the entire MicrelCare web-based care management platform around the patient care plan, rather than the individual care provider. This enables hospitals, healthcare professionals and independent practice physicians to collaborate, share updates and adjust patient care plans in real time.

## Micrel Devices

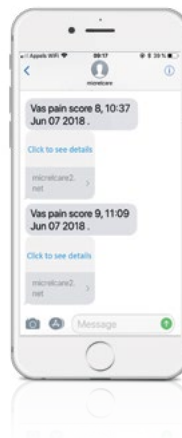
MicrelCare is compatible with our Rythmic infusion device range

## SMS and email alerts

Sent to relevant healthcare professionals

## Connectivity

Connects to laptops, mobiles or tablets



## Ready to prevent

Your patients won't always know if something's wrong - but data can be very revealing. A study of 31 patients receiving home parenteral nutrition showed that 'sudden spikes in pressure may be indicative of an upcoming complication'.<sup>5</sup> In fact, one patient with clinically confirmed thrombosis had a pressure spike five days before presenting with symptoms. With MicrelCare, this potentially life-changing information is shared instantly with the clinic.

## Ready to react

Only your patients know how they truly feel. Using our interactive questionnaire, patients answer a question about their level of pain on the pump. If above the pre-set threshold, Micrelcare sends an alert to the member of staff in charge of their care. This feature can be triggered at each bolus request or on demand.

# Real time monitoring across clinical applications

Every patient journey is different, but with the MicrelCare web-based care management platform, you can monitor their progress every step of the way.



## Parenteral infusion:

Empower your patients to self-care at home

Patients may be depending on an infusion pump for all of their nutritional needs. When they are able to return home, they need to have complete confidence in their infusion device.

MicrelCare enables you to:



### TRACK

Monitor a patient's infusion volumes against their prescribed intake



### MONITOR

Spot potential issues with automatically updated pressure monitoring



### DETECT

MicrelCare alerts caregivers or parents to issues via SMS or email

## Pain management:

Be by your patient's side when they need you most

Whether you're helping a patient to recover from surgery or supporting them in a palliative setting, delivering effective pain management relies on being able to respond quickly to patient needs.<sup>2</sup>

MicrelCare reduces patient intervention times and provides the comfort of knowing you're always in contact.<sup>3</sup>



### TRACK

Compare requested boluses vs delivered and track against pain scores



### MONITOR

View infusion reports for full traceability and prescription checking



### DETECT

Receive alerts if the patient's pain score is high or their infusion is running low



Being able to review an individual's infusion history will undoubtedly assist in the ongoing assessment of the patient's requirements and hopefully reduce the number of unnecessary infusions or inappropriate prescription changes.<sup>4</sup>

## Discover a patient-centred solution

To find out more about Micrel Reshaping infusion therapies go to [micrelmed.com](http://micrelmed.com)

### References

1. The King's Fund <https://www.kingsfund.org.uk/publications/priorities-nhs-social-care-2017>.
2. Etkind et al. How many people will need palliative care in 2040? Past trends, future projections and implications for services. BMC Medicine. 2017;15(1):102.
3. 2018 Customer satisfaction survey.
4. Small, M et al. Using remote monitoring to detect infusion related issues in patients on home parenteral nutrition.
5. Small, M. et al. Clinical benefits of pump infusion pressure monitoring in patients on home parenteral nutrition.

