

Dyna-Form[®] SMARTresponse[®]

with SMARTassist[™]

The next generation hybrid support surface.

Despite ongoing improvements in pressure ulcer (PU) prevention, the clinical burden of PUs still remains high, with a 32% increase in PU incidence occurring between 2012/13 and 2017/18 and an annual cost increase of 8-9% per annum within wound care.¹ It has been suggested that one way to break these incidence plateaus is to use continuous patient monitoring in order to provide a level of on-going risk assessment² and to enable better decision making that is informed by patient needs.³

SMARTresponse[®], DHG's latest innovation, is uniquely able to support clinical choice and timely intervention on an individualised basis by automatically or remotely stepping-up patient care when a period of patient non-movement has been detected.

With the focus on clinical choice, **SMARTresponse[®]** empowers healthcare providers to achieve earlier intervention in pressure ulcer prevention, offering easy implementation for individuals at risk of developing pressure ulcers, helping to ensure best use of clinical resources to deliver more responsive patient care, improve patient outcomes and contribute to cost-savings.⁴



Auto Start

Selecting Auto Start allows the system to automatically 'step up' care when no patient movement has been detected for a period of time.



Alert Me

Alert Me sends a message directly to the care provider when no patient movement has been detected for a period of time. This provides the carer with the ability to remotely 'step up' care from anywhere.



Alert Me

Bed Exit can be activated at any point to detect bed exit events. In the event that a Bed Exit is detected, an alert is sent directly to the care provider.



SMARTassist™

Providing a real-time and historic trail of control unit actions.



SMARTassist™ is DHG's latest software addition to **SMARTresponse®**, combining a mobile app and desktop site that provides a user with both a real-time and historic trail of actions from any registered control unit, including:

- Patient movement
- Activation of SMARTresponse features
- Which therapy mode the control unit was placed in, and via what method, i.e. manual or automatic
- Control unit warnings
- All associated references and notes

References

1. Guest, J., Fuller, G. W., & Vowden, P. (2020). Cohort Study Evaluating the Burden of Wounds to the UK's National Health Service in 2017/2018: Update from 2012/2013. *BMJ Open*, 10(12);e045253.
2. Brienza, D. (2020). Translating Aetiological Knowledge into Support Surface Science. *EPUAP 2020 Virtual Conference Abstract*.
3. Nixon, J. et al. (2019). Pressure Relieving Support Surfaces for Pressure Ulcer Prevention (PRESSURE 2): Clinical and Health Economic Results of a Randomised Controlled Trial. *EClinicalMedicine*, 14:42-52.
4. Fletcher, J., Tite, M., & Clark, M. (2016). Real-World Evidence from a Large-Scale Multisite Evaluation of a Hybrid Mattress. *Wounds UK*, 12(3):54-61.

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