Dyna-Form[°] **SMART**response[°]

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 occuring 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 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.



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.

	SERIAL NURBER FROM SERVICE FROM			Shys Dorovan	
	Static Mode Manual PREVIOUS MODE	MOTTVERSON Id-SB v1.1	15 Nov 2022 13 41 24 Connects	Total 2	
	NOTIFICATION SENT: "Bed exit detected, press here," Static Mode Bed Fails Course	UPDATE REASON	UPDATED AT	Status	
	Static Mode	Automatic	15 Nov 2022 13:41:22	Crewced Red Ext Moder Classical	
	Alert Me Menthusian	Manual	10 Nov 2022 10:25:26	Connected Brid Dat Mathem Tanana	
	Patient Weight - 65kg to 85kg NOTIFICATION SENT: "Bed self detected, press here."	Manual	10 Nov 2022 10 25 03	Convected Test Ext Network Provided	
	Alert Me Monitoring Bed Exit Event	Automatic	10 Nov 2022 10 25:01	Connectual	
	Patient Movement -2.087062 to -0.837808	Automatic	10 Nev 2022 10 24 53	Terl Ent Monitor Disabled	
	Partient Movement -1.225773 to 0.110507	Automatic	10 Nov 2022 10:23:51	Bed bit Montor Doubled	10:46
	Patient Movement 0.324851 to 1.221553	Automatic	10 Nov 2022 10:22:41	Red Del Monter Disabilit	
	Patient Movement -0.920922 to 0.855528	Automatic	10 Nov 2022 10 21 29	Bet full Notice Disable	Serial number: 3
				Bed Fuk Mexicor Chucker	Eed Ext De
					Static Mode Bed Exit Event
		_			5 Static Mode

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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