

DIGITAL SEDATION™

**Sedakit™**

PRODUCT GUIDE



## WHY CHOOSE VYGON?

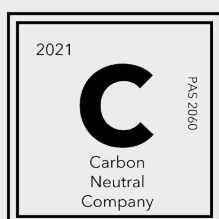


**OVER  
60  
YEARS  
EXPERIENCE**

## **PATIENT CARE** LIES AT THE HEART OF WHAT WE DO



**CLINICAL  
EXPERTISE**



WE ARE A  
**CARBON  
NEUTRAL  
COMPANY**

MORE THAN  
**100 MILLION**  
PRODUCTS IN  
**110 COUNTRIES**



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## OUR SERVICE OFFERING



### **Customer Service & Technical Support**

Talk through your enquiry with our dedicated Teams.



### **Education & Training**

We offer our customers a variety of valuable and comprehensive training options to help you, and your teams, meet your training requirements.

# Sedakit™

## INTRODUCING A NEW THERAPEUTIC ALTERNATIVE... DIGITAL SEDATION™

Validated by several years of research, Digital Sedation™ is a non-pharmacological therapeutic solution for reducing patient pain and anxiety before, during, and after a medical procedure. Created as an alternative to light, moderate or deep pharmacological sedation, Sedakit™ works by combining clinical hypnotherapy, and integrative therapeutic techniques delivered via a virtual reality headset accompanied by sound modules.

### Designed to reduce anxiety and pain during a medical procedure



#### Non-invasive

A non-pharmacological therapeutic solution for reducing patient pain and anxiety.



#### Improved patient experience

Clinically proven to reduce pain and anxiety during procedures.



#### Clinically effective

100% clinical and patient satisfaction.



All Sedakit™ products are recognised as class 1 medical devices.

Applicable in a wide range of clinical specialties including anaesthesia, clinical pain, oncology, interventional radiology and cardiology, gynaecology, paediatrics, etc. Digital Sedation™ contributes to the improvement of caregivers' work, clinical results, and patient experience.

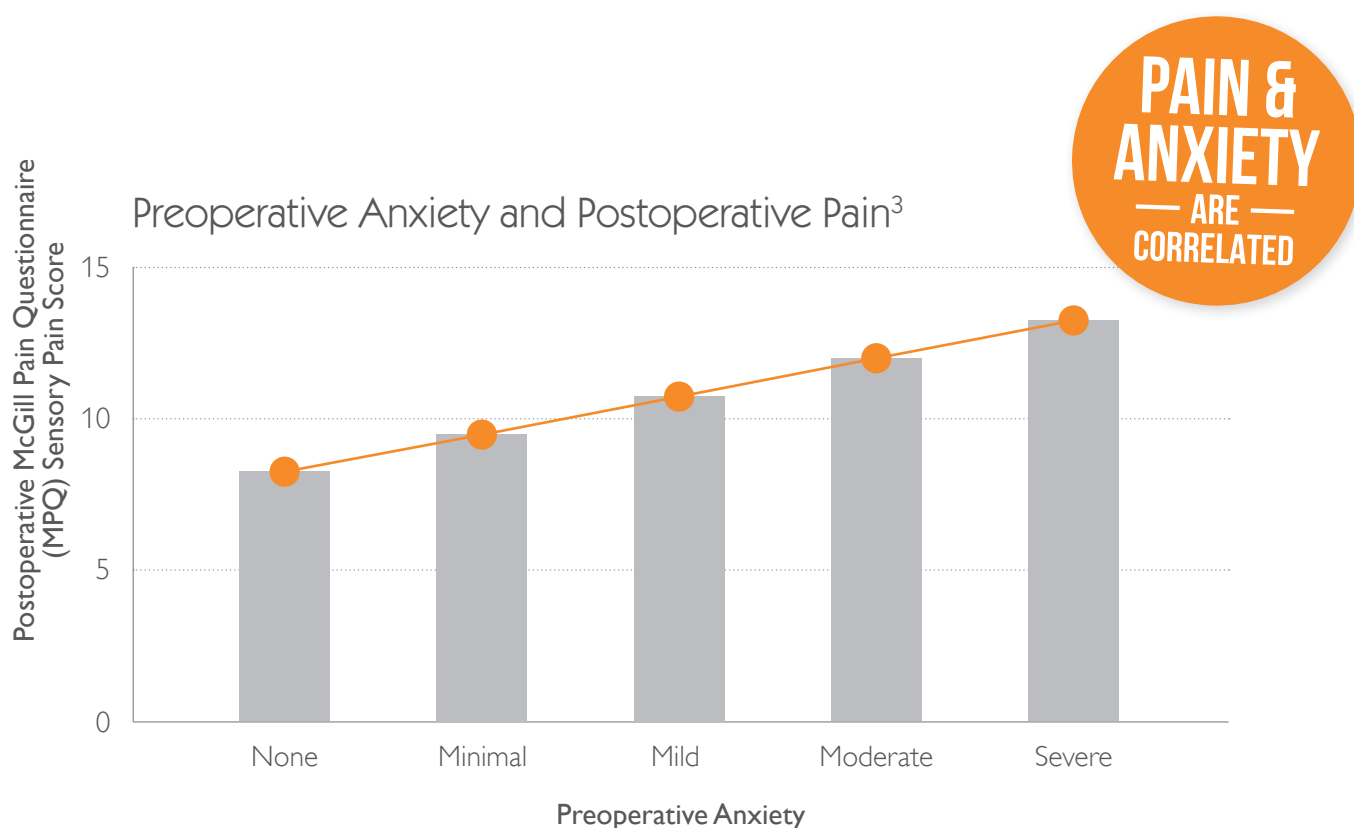
## Pain and anxiety during medical procedures

# 60-80%<sup>1</sup>

of patients suffer from acute anxiety during medical procedures

# +50%<sup>2</sup>

risk of serious adverse events during procedures with pharmacological sedation



To experience the virtual reality modules for yourself,  
**scan with your smartphone**  
or visit [vygon.co.uk/pain-airways-management/sedakit](https://vygon.co.uk/pain-airways-management/sedakit)



## CLINICALLY PROVEN

Results from over 2,000 patients across nine clinical studies

**Preoperative management**

↓ **59%** reduction in anxiety<sup>4</sup>

**Pain & anxiety management**

↓ **34%** reduction in pain ( $p < 0.05$ )

↓ **72%** reduction in anxiety ( $p < 0.05$ )<sup>5</sup>

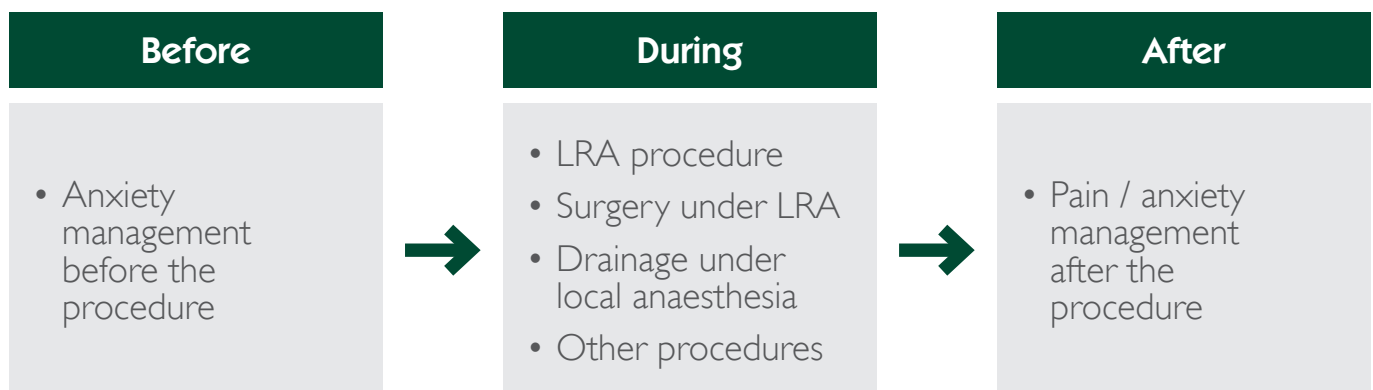
**Preoperative comfort**

↓ **64%** reduction in involuntary movements of the patient during the operation<sup>6</sup>

**Less complications**

↓ **85%** reduction of apnoea during the operation<sup>6</sup>

Digital Sedation™ can be used before, during or after a procedure.





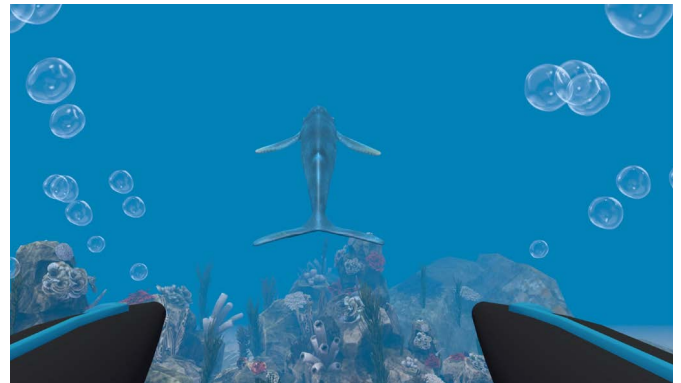
## DESIGNED WITH PATIENTS IN MIND

Patients often experience apprehension before a procedure creating a feeling of anxiety.

Digital Sedation™ allows patients to perceive their procedure more positively, inviting them to escape into a completely different universe for the duration of treatment.

Sedakit™ includes eight therapeutic modules tailored to the patient's age, including:

- Four paediatric modules (6 to 14 years old)
- Four adult modules (15 years and older).



### For children

The Stella module is a module for positive distraction and learning breathing techniques during anxiety provoking moments of the treatment.



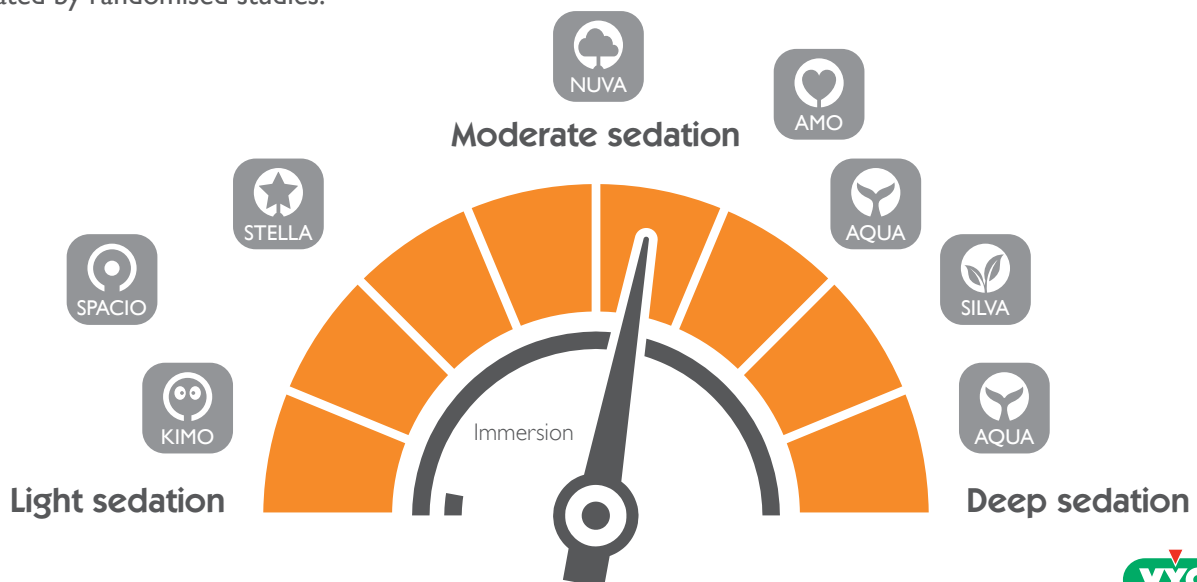
## DIGITAL SEDATION™

A look at Digital Sedation™ across the sedation continuum

	Level one	Level two	Level three	Level four	Level five
Levels of sedation/analgesia	No sedation	Minimal Sedation Anxiolysis	Moderate Sedation/ Analgesia (Conscious sedation)	Deep Sedation/ Analgesia	General Anaesthesia
Patient responsiveness	Normal response to verbal stimulation	Normal response to verbal stimulation	Purposeful response to verbal or tactile stimulation	Purposeful response following repeated or painful stimulation	Unarousable even with painful stimulus
Sedakit™ Digital Sedation™	Before intervention During intervention After intervention				Before and after intervention + General anaesthesia

A look at Digital Sedation™ from light sedation to deep sedation

- Flexible and easy to use for interventions from 2' to 90'
- Validated by randomised studies.



“

USING DIGITAL SEDATION™  
MEANS AVOIDING ALL THE  
POSSIBLE COMPLICATIONS FROM  
IV SEDATION. AND LAST BUT NOT  
LEAST, IT TURNS A STRESSFUL  
MOMENT INTO AN ENJOYABLE  
EXPERIENCE FOR PATIENTS.<sup>8</sup>

”





## OPTIMISED WORKFLOW AND BETTER HEALTH OUTCOME FOR HEALTHCARE PROFESSIONALS

The Oncomfort Sedakit™ enables healthcare professionals to better focus on the medical intervention itself. Thanks to Digital Sedation™, the use of medication is significantly reduced while guaranteeing the patient's safety and wellbeing. Healthcare professionals experience better clinical outcomes.



### BETTER HEALTH OUTCOME

Digital Sedation is proven to be an effective sedation method creating optimal surgical conditions. In addition, less apnoea happens in comparison with pharmacological sedation.



### OPTIMISED WORKFLOW

The patient is disassociated, creating less purposeless movements allowing healthcare professionals to focus on their intervention. The average duration of surgery is 11% shorter.



### SATISFACTION OF HEALTHCARE PROFESSIONAL

Healthcare professionals from a wide range of specialisations indicate extreme satisfaction and much easier procedures, ultimately leading to a less stressful working environment.

# OUR COMMITMENT TO THE ENVIRONMENT

Vygon UK has been working towards creating a sustainable future for many years and we are a Carbon Neutral Company. We believe that sustainability isn't just about meeting current needs, but more importantly, it is about ensuring we are here for the long term and are paving the way for a bright tomorrow. We strive to deliver enhanced Corporate Social Responsibility (CSR), ensuring we manage the social, economic, and environmental effects of Vygon UK's operations responsibly in line with public expectations.



**DISCOVER OUR JOURNEY**  
scan with your smart device



## REFERENCES

- 1 Schierholz J, Nagelschmidt K, Nagelschmidt M, Lefering R, Yücel N, Beuth J, Antimicrobial central venous catheters in oncology: efficacy of a rifampicin-miconazole-releasing catheter, *Anticancer Research* 30: 1353-
- 2 K Shevde, G Panagopoulos. A survey of 800 patients' knowledge, attitudes, and concerns regarding anesthesia.
- 3 Vargo et al, Elsevier Health Science (2016).
- 4 Anita R. Kulkarni, Andrea L. Pusic, Jennifer B. Hamill, Hyungjin M. Kim, Ji Qi, Edwin G. Wilkins, Randy S. Roth. Factors associated with acute postoperative pain following breast reconstruction.
- 5 ONC8 - Rosay et al, 2017, Centre Léon Bérard, Lyon.
- 6 ONC9 - Ghimouz et al, 2018, Institut Curie, Paris.
- 7 ONC1 - Moon et al, 2018, SNUH, Seoul.
- 8 A. Bosteels, MD, Anaesthesiologist, Cliniques Saint-Jean, Brussels, Belgium

TO VIEW THE FULL  
PRODUCT RANGE &  
OUR ORDERING CODES  
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## ORDERING INFORMATION

### Transportation case

The Sedakit™ transportation case contains the following components:

Smartphone or tablet controller | VR glasses | Headphones | USB-C charger  
Quick guide | Instructions for use | Bouffant caps | Display mount (optional)

## YOU WILL NEED...

### 1. Sedakit™ X1

Transportation case with smartphone controller

Ideal for a Sedakit™ that is moved  
from one room to another

For dynamic use within the medical team.

### 2. Annual license

Oncomfort Manager application available  
in eight languages for the user

Access to the adult and children therapeutic  
modules in twelve languages for the patient

Updates of the manager and the modules

Support and assistance.

### 3. Oncomfort Academy

Unlimited access per license to  
the online training platform

Annual certification.



## For Pain & Digital Sedation

Vygon code	Description
VDSONCSED031A	Sedakit™ X1 A&E
VDSONCLIC011A	Annual license
VDSONCTRA011A	Academy (Annual training)

## For Intravascular Therapy Treatment

Vygon code	Description
VDSONCSED031D	Sedakit™ X1 IVT
VDSONCLIC011D	Annual license
VDSONCTRA011D	Academy (Annual training)



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FOR FURTHER INFORMATION, PLEASE CONTACT: [info@vygon.co.uk](mailto:info@vygon.co.uk)

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