

# The Actreen® Intermittent Catheter Range

Personalized care for diverse patients' needs





# Actreen

## Understanding patient diversity in intermittent catheterization

Patients requiring intermittent catheterization often live with conditions such as spina bifida, multiple sclerosis or paraplegia. While the underlying condition may be a starting point to define the need for catheterization, there are several factors that you should consider when selecting the right catheter for your patient's individual needs.

### What distinguishes these patients?

- **Anatomy:** Differences in underlying disease, gender and body shape can affect catheter length, diameter and tip design.
- **Dexterity and vision:** Some patients may have limited hand function or impaired eyesight, requiring specialized handling options.
- **Lifestyle and independence:** Patients may self-catheterize not only at home but during work or travel, requiring either stand-alone catheters or sets as well as discreet solutions.

At B. Braun, we recognize that no two patients are alike. That's why we offer a broad portfolio of intermittent catheters designed to meet the individual needs of your patients.





# Actreen

## Self-catheterization for an independent active life

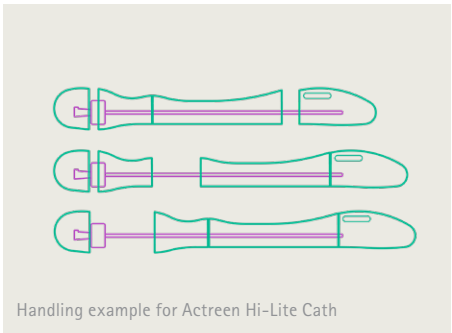
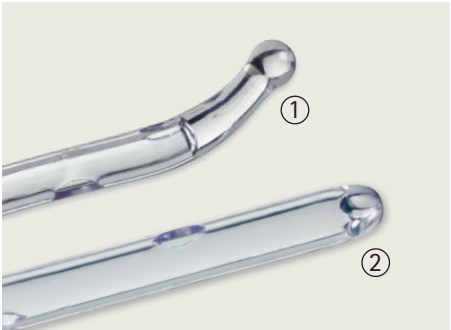


**Lubrication technology made of water and glycerin**

- Helps to prevent drying out
- Glycerin provides a bacteriostatic effect
- Creates lubrication with no mess

**Non-traumatic eye**

Allows for a smooth and comfortable insertion. For male patients, Actreen offers both Tiemann® and Nelaton® tips, to be chosen depending on the nature of the urethral path.



**Easy to use**

The Actreen range proposes several no-touch techniques to make it easier for patients to handle the product during catheterization.

**Discreet design**

The catheter can be folded and stored in a pouch that is included in each box.



**Stand-alone catheter sets**

All Actreen catheters are available as stand-alone catheters or in a catheter set, in order to support the lifestyle of your patients.

**Non-return valve**

Actreen sets have a non-return valve that prevents urine backflow.



**Different catheter sizes available**

B. Braun offers a broad portfolio of catheter sizes to allow you to match the anatomy of your patients, including products for pediatric and adult patients.



# Reducing urinary tract infections

Urinary tract infection (UTI) is one of the most important complications among patients requiring intermittent catheterization<sup>1,2</sup> and can not only impact patients' overall health and quality of life<sup>1,3</sup> but also lead to frequent hospitalizations.<sup>4</sup> It is therefore important to reduce the risks of UTIs in patients as much as possible.

**1 Subgroups of female users**  
The number of symptoms suggestive of urinary tract infections (ssUTIs) per affected patient was significantly lower when pre-lubricated instead of hydrophilic catheters were used in the subgroup of female users.

**2 Overall patient population**  
The proportion of patients with one or more ssUTIs in the study period was lower when pre-lubricated catheters instead of hydrophilic catheters were used.

**3 Continuous use subgroup**  
The proportion of the "continuous use" subgroup (subgroup of patients who did not switch between catheter types during the study) who had at least one ssUTI was significantly lower when pre-lubricated instead of hydrophilic catheters were used.

Real-world evidence demonstrates that the continuous use of pre-lubricated catheters, such as Actreen, is associated with a significantly lower incidence of symptomatic UTIs compared to hydrophilic catheters.<sup>5</sup>

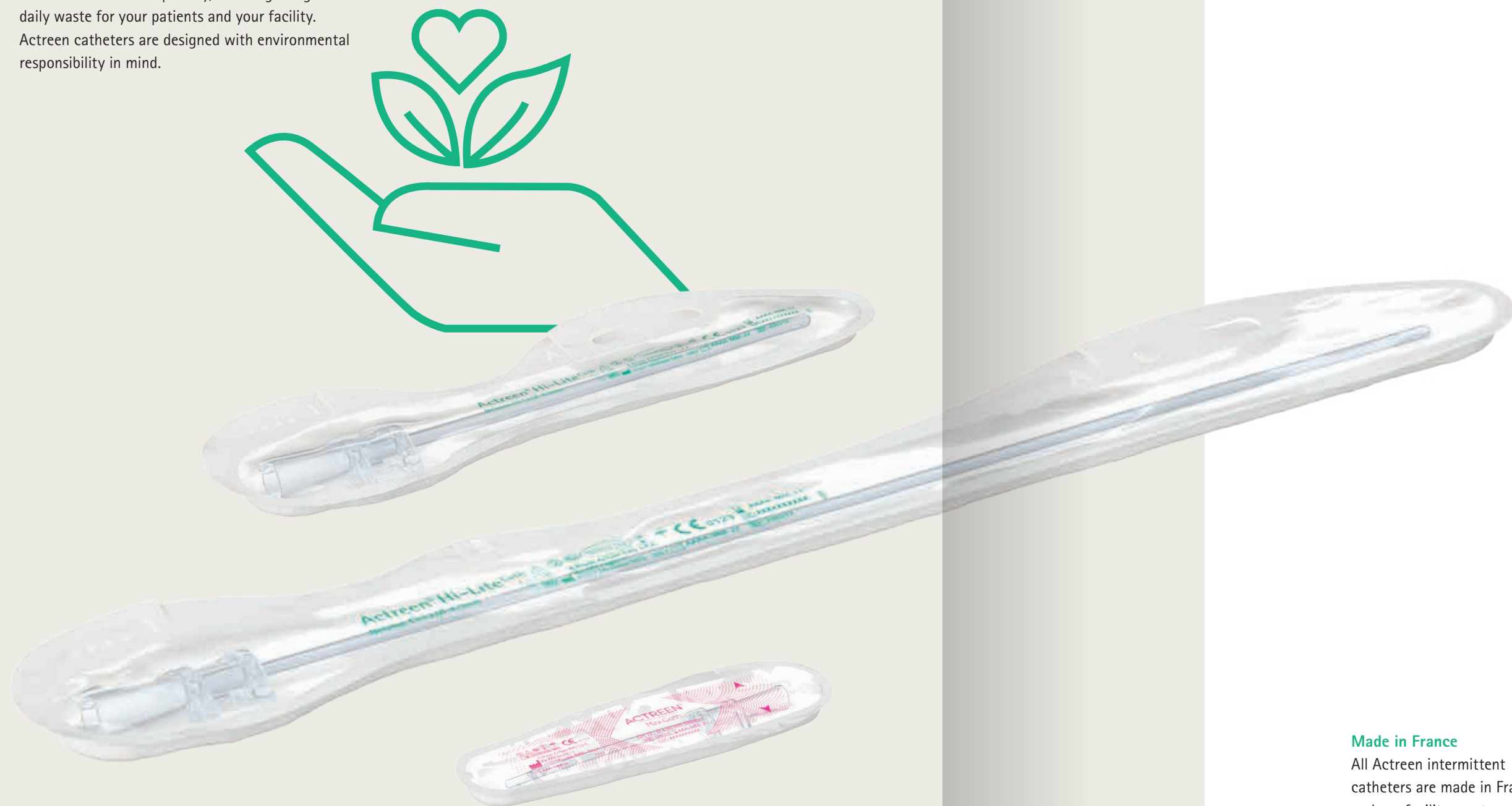


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Actreen is recommended by the European Association of Urology Nurses 2024 as an intermittent catheter.

# Reducing catheter waste

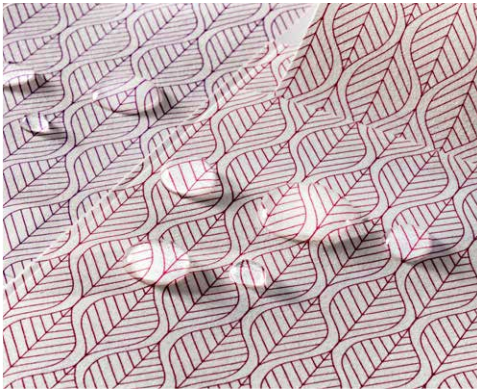
Like many medical products, catheters for intermittent catheterization are single-use. Patients typically require around five catheters per day, resulting in significant daily waste for your patients and your facility. Actreen catheters are designed with environmental responsibility in mind.



**Calculate your savings**  
Do you want to know how much money you could potentially save your facility? The waste management cost calculator will help you find out what prescribing Actreen means for you in the short term and in the long run.



**Pouch materials**  
The discreet pouches are designed to be used multiple times in a wet environment. Additionally, they are PVC free.



**Packaging materials**  
The packaging does not contain any aluminum or hard plasticizers, knowing both are complicated to recycle.

**Catheter materials**  
All Actreen catheters are made of fewer components\*, and the materials are chosen with sustainability in mind.

- Catheters are made of **TPO**, which is a chemically resistant polymer and does not contain plasticizers
- Catheters are **lightweight** and have a low print on waste management\*
- Catheters do not contain any halogenous substances
- Catheters are **PVC free**, **latex free** and not manufactured with DEHP
- Catheters are GMO free and pesticide free

\* Compared to other products on the market

**Made in France**  
All Actreen intermittent catheters are made in France, and our facility meets ISO 14001 standard.








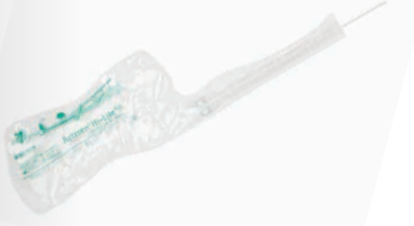
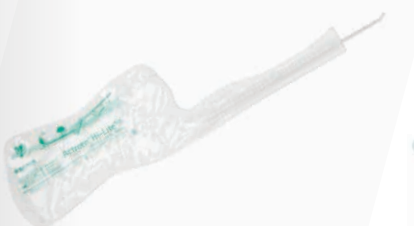
# A complete portfolio for your patients' needs

B. Braun wants to support you in selecting the right catheter for your patients' needs. The final decision always remains with you as the healthcare professional.

Women and Pediatrics

Actreen® Mini Cath		Useful length 9 cm	CH	Ø (mm)	Units/box	Ref.
			● 08	2.7	30 + 1 discreet pouch	228008*
			● 10	3.3	30 + 1 discreet pouch	228010*
			○ 12	4.0	30 + 1 discreet pouch	228012*
			● 14	4.7	30 + 1 discreet pouch	228014*
			● 16	5.3	30 + 1 discreet pouch	228016*
Actreen® Mini Set		Useful length 9 cm	CH	Ø (mm)	Units/box	Ref.
			● 10	3.3	30 + 1 discreet pouch	239010*
			○ 12	4.0	30 + 1 discreet pouch	239012*
			● 14	4.7	30 + 1 discreet pouch	239014*
Actreen® Hi-Lite Cath Nelaton		Useful length 16 cm	CH	Ø (mm)	Units/box	Ref.
			● 06	2.0	30 + 1 discreet pouch	238306*
			● 08	2.7	30 + 1 discreet pouch	238308*
			● 10	3.3	30 + 1 discreet pouch	238310*
			○ 12	4.0	30 + 1 discreet pouch	238312*
			● 14	4.7	30 + 1 discreet pouch	238314*
			● 16	5.3	30 + 1 discreet pouch	238316*

Women, Men and Pediatrics

Actreen® Hi-Lite Cath Nelaton		Useful length 16 cm	CH	Ø (mm)	Units/box	Ref.
			● 06	2.0	30 + 1 discreet pouch	238306*
			● 08	2.7	30 + 1 discreet pouch	238308*
			● 10	3.3	30 + 1 discreet pouch	238310*
			○ 12	4.0	30 + 1 discreet pouch	238312*
			● 14	4.7	30 + 1 discreet pouch	238314*
			● 16	5.3	30 + 1 discreet pouch	238316*
Actreen® Hi-Lite Cath Nelaton		Useful length 37 cm	CH	Ø (mm)	Units/box	Ref.
			● 08	2.7	30 + 1 discreet pouch	238208*
			● 10	3.3	30 + 1 discreet pouch	238210*
			○ 12	4.0	30 + 1 discreet pouch	238212*
			● 14	4.7	30 + 1 discreet pouch	238214*
			● 16	5.3	30 + 1 discreet pouch	238216*
			● 18	6.0	30	238218*
Actreen® Hi-Lite Cath Tiemann		Useful length 37 cm	CH	Ø (mm)	Units/box	Ref.
			● 08	2.7	30 + 1 discreet pouch	238108*
			● 10	3.3	30 + 1 discreet pouch	238110*
			○ 12	4.0	30 + 1 discreet pouch	238112*
			● 14	4.7	30 + 1 discreet pouch	238114*
			● 16	5.3	30 + 1 discreet pouch	238116*
			● 18	6.0	30	238118*
Actreen® Hi-Lite Set Nelaton		Useful length 37 cm	CH	Ø (mm)	Units/box	Ref.
			● 10	3.3	30 + 1 discreet pouch	242210*
			○ 12	4.0	30 + 1 discreet pouch	242212*
			● 14	4.7	30 + 1 discreet pouch	242214*
			● 16	5.3	30 + 1 discreet pouch	242216*
			● 18	6.0	30	242218*
Actreen® Hi-Lite Set Tiemann		Useful length 37 cm	CH	Ø (mm)	Units/box	Ref.
			● 10	3.3	30 + 1 discreet pouch	242110*
			○ 12	4.0	30 + 1 discreet pouch	242112*
			● 14	4.7	30 + 1 discreet pouch	242114*
			● 16	5.3	30 + 1 discreet pouch	242116*
			● 18	6.0	30	242118*

\* For all countries, a specific letter is added at the end of the reference.

## References:

- 1 Öztürk R, Murt A. Epidemiology of urological infections: a global burden. World J Urol. 2020 Nov;38(11):2669-2679. doi: 10.1007/s00345-019-03071-4. Epub 2020 Jan 10. PMID: 31925549.
- 2 Wyndaele JJ. Complications of intermittent catheterization: their prevention and treatment. Spinal Cord. 2002 Oct;40(10):536-41. doi: 10.1038/sj.sc.3101348. PMID: 12235537.
- 3 Fumincelli L, Mazzo A, Martins JCA, Henriques FMD, Cardoso D, Rodrigues MA. Quality of Life of Intermittent Urinary Catheterization Users and Their Caregivers: A Scoping Review. Worldviews Evid Based Nurs. 2017 Aug;14(4):324-333. doi: 10.1111/wvn.12231. PMID: 28742287.
- 4 Rognoni C, Tarricone R. Healthcare resource consumption for intermittent urinary catheterisation: cost-effectiveness of hydrophilic catheters and budget impact analyses. BMJ Open. 2017 Jan 17;7(1):e012360. doi: 10.1136/bmjopen-2016-012360. PMID: 28096251; PMCID: PMC5253566.
- 5 Chartier-Kastler E, Chapple C, Schurch B, Saad M. A real-world data analysis of intermittent catheterization, showing the impact of prelubricated versus hydrophilic catheter use on the occurrence of symptoms suggestive of urinary tract infections. Eur Urol Open Sci. 2022 Mar 4;38:79-87. doi: 10.1016/j.euros.2022.02.008. PMID: 35495281; PMCID: PMC9051966.