# IV3000◊ Moisture Responsive Intravenous Catheter Dressings

## Help prevent moisture accumulation, thereby minimising risk of infection and bacterial growth[1–3]


Smith+Nephew

IV3000◊
Moisture Responsive Intravenous Catheter Dressing

www.smith-nephew.com

### Intended use

- Frame Delivery
  Suitable for dressing central line, peripheral, epidural and paediatric catheters.
- 1-Hand
  Suitable for securing non-ported catheters, ported catheters and catheter stabilisation devices.

# IV3000◊ Moisture Responsive Intravenous Catheter Dressings aid prevention of bacterial contamination,[2,4–6] and have over 4 times higher moisture vapour transmission rate (MVTR) than other semi-permeable film dressings.[7,8]

## Features and benefits

**Easy to use**
IV3000◊ Dressings are easy to apply and remove whilst wearing surgical gloves[9,10] and provide catheter security whilst being easy to remove.[1,10,11]

**Reduced dressing changes**
A randomised, controlled trial demonstrated that use of IV3000 Dressings resulted in significantly fewer dressing changes.*[12]

**Highly permeable**
IV3000 Dressings shown to be significantly more permeable to water vapour than leading competitors.†[13]

**Minimised pain on removal**[10,14]
99% of patients reported no pain on dressing removal.‡[10]

**Reduced risk of infection**
IV3000 Dressings maintain lower skin bacterial counts in comparison to other transparent film dressings.§[2]

*n=25; p=0.03; compared to film dressing. †p<0.0001. ‡n=51.
§As demonstrated in a 12-volunteer study.

## ✚ Evidence in focus

IV3000 Moisture Responsive Intravenous Catheter Dressing had the greatest MVTR and high conformability in a UK NHS clinical review of intravenous (IV) film dressings.

### Key points

**High conformability** with IV3000 Dressing (mean inflation pressure 130.5mmHg) versus most other dressings tested.[7]

**6.5 times greater MVTR** with IV3000 Dressing than the mean for all dressings assessed (19,000 vs 2,928g/m²/24hr).[7]

**>4.5 times greater MVTR** with IV3000 Dressing versus the next best dressing (Tegaderm™ I.V. Advanced; 19,000 vs 4,102g/m²/24hr).[7]

Please, scan to see the full document

IV3000 Moisture Responsive Intravenous Catheter Dressings

| S+N Code | Product | Size | Carton |
|---|---|---|---|
| 4007 | IV3000 1-Hand | 6cm x 7cm | 100 |
| 4008 | IV3000 1-Hand | 10cm x 12cm | 50 |
| 4006 | IV3000 | 7cm x 9cm | 100 |
| 66004011 | IV3000 Paediatric Dressing | 5cm x 6cm | 100 |
| 66004009 | IV3000 Shaped | 12cm x 9cm | 50 |
| 4924 | IV3000 | 6cm x 8.5cm | 100 |
| 4973 | IV3000 | 10cm x 14cm | 50 |

| S+N Code | Product | Size | Carton |
|---|---|---|---|
| 4925 | IV3000 | 10cm x 14cm | 10 |
| 4649 | IV3000 | 10cm x 20cm | 50 |
| 4923 | IV3000 | 6cm x 8cm | 100 |
| 66800512 | IV3000 Ported | 11cm x 14cm | 25 |
| 59410882 | IV3000 Window Frame | 10cm x 12cm | 50 |
| 59410082 | IV3000 Window Frame | 6cm x 7cm | 100 |

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For detailed product information, including indications for use, contraindications, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.

**References: 1.** Keenlyside D. *Professional Nurse*. 1993;8(5):288–291. **2.** Richardson MC. Paper presented at: Royal Society of Medicine Services International Congress and Symposium, Series No. 179; 1991; Harlow, Essex, UK. **3.** Arrowsmith H. *British Journal of Nursing*. 1999;8(18):1231–1238. **4.** Smith+Nephew 1990. Internal Report. SR/TW002/MB89-3. **5.** Smith+Nephew 1994. IV3000 - Bacterial Barrier Claim. Internal Report. **6.** Smith+Nephew 2005. Internal Report. DOF 0505005. **7.** NHS Clinical Evaluation Team 2018. Clinical Review: Intravenous Vapour Permeable Film Dressings (IV Films) - Part One Securing Peripheral Cannulae in Adults (PVAD). UK. **8.** NHS Clinical Evaluation Team 2018. Clinical Review: IV Film Dressings - Part Two Securing Central Venous Access Devices (CVAD). UK. **9.** Smith+Nephew 2019. Internal Report. U/051/R1. **10.** Wille JC, Blussé Van Oud Albas A, Thewessen EA. *The Journal of Hospital Infection*. 1993;23(2):113–121. **11.** Maki DG, Stolz SS, Wheeler S, Mermel LA. *Critical Care and Medicine*. 1994;22(11):1729–1737. **12.** Neufeld M. McMaster University: School of Graduate Studies, McMaster University; 1991. **13.** Smith+Nephew 2023. Internal Report. CSD.AWM.23.005. **14.** Mcie S, Petitte T, Pride L, Leeper D, Ostrow CL. *Am J Crit Care*. 2009;18(1):14–20.