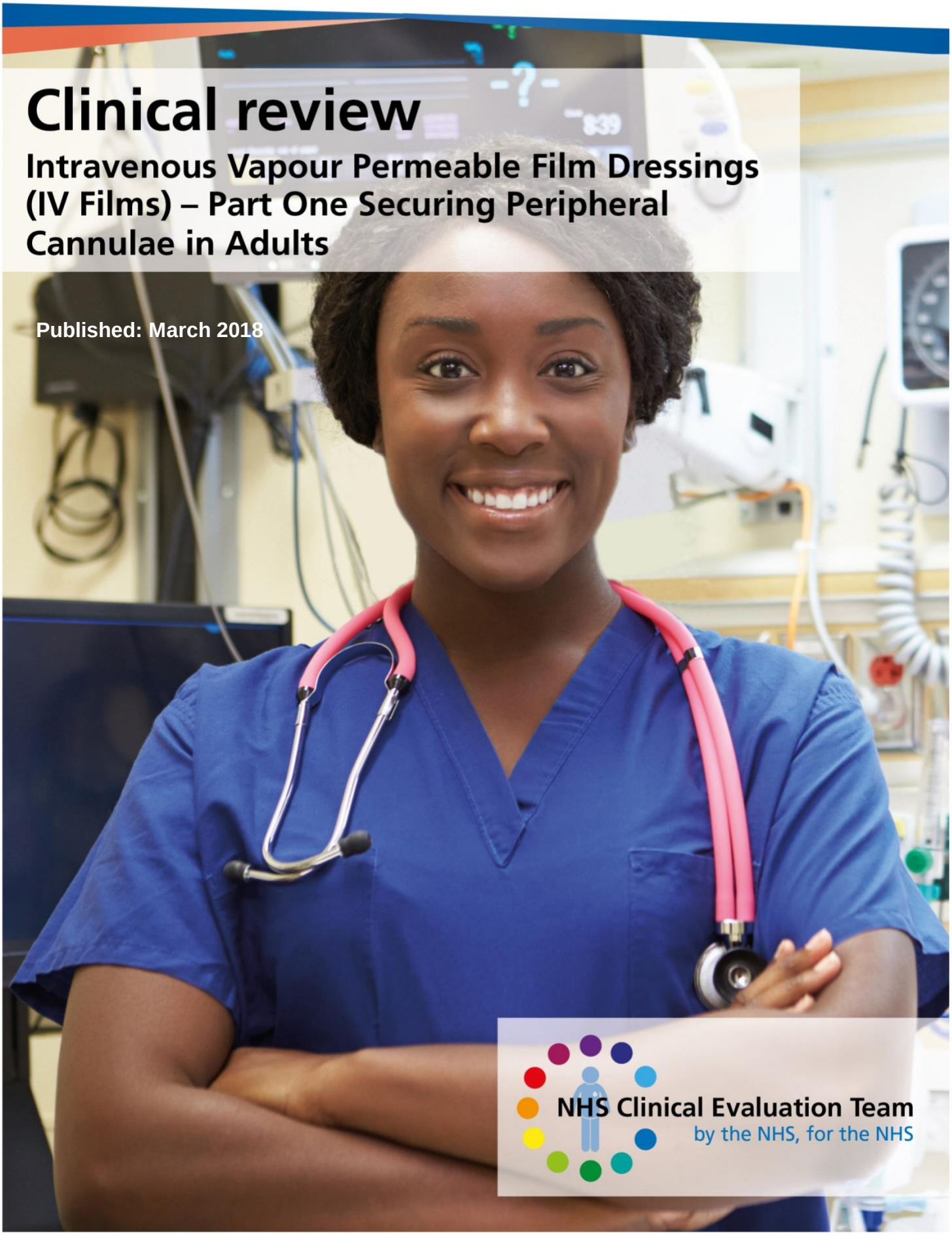
NHS
Business Services Authority

Clinical review

Intravenous Vapour Permeable Film Dressings (IV Films) – Part One Securing Peripheral Cannulae in Adults



Published: March 2018

NHS Clinical Evaluation Team
by the NHS, for the NHS

Contents

Guidance for use

This clinical evaluation report is aimed primarily at the NHS and all those working to support patient care. If you would like to talk through how this report can be used in your setting, please contact the team by emailing:
clinical.evaluationteam@nhs.net

Please note that the product assessment results should only be read and used in conjunction with the full text of this clinical review.

1. Introduction

The NHS Clinical Evaluation Team was established in April 2016. The team's remit is to add independent clinical review to 'everyday healthcare consumables' used by the NHS.

Everyday healthcare consumables are products that are found in the majority of wards, clinics, health centres, treatment rooms and district nurses' bags across the NHS. The purpose of this report is two-fold: firstly, to provide a clinical assessment of the usability and requirements from the NHS for Intravenous Vapour Permeable Film Dressings (IV film dressings). These dressing are used to secure a peripheral cannula in adults and are available to the NHS from the national procurement provider. Secondly, to provide a clinical statement of desired functions and properties that the NHS requires of an IV film dressing used to secure a peripheral cannula in adults for use in future procurement activities. The report will not address the efficacy of gauze and tape as an alternative securement device for peripheral cannulas.

It is clear from the evidence that IV film dressings, featured in this report, are everyday healthcare consumables that are found in most clinics or ward settings and would certainly be items included in any stock list to set up a new clinical service. On that basis, the project was approved by the Clinical Reference Board culminating in the production of this report for their approval in January 2018.

Based on 2015/16 data supplied by NHS Supply Chain, the NHS are spending approximately £6million per annum on peripheral IV film dressings and a further £4.8million on IV films used to secure other intravenous devices which have been excluded from this report. This report covers the range of products available as of May 2017. The framework lists 11 different suppliers, all offering a variety of products which are advertised as being suitable for the securement of a peripheral cannula in an adult.

Intelligence about IV film dressings was gathered from a variety of sources to provide background information on the current evidence available to support the way in which the devices are designed and clinically evaluated.

Following this, clinical engagement sessions were held with the aim of identifying important clinical criteria for IV film dressings from frontline NHS clinicians. This information was used to develop clinical criteria for IV film dressings, against which all brands available from the national procurement provider were reviewed.

Findings from these clinical reviews are collated into a product assessment report to allow users to identify products and see how they performed against the agreed clinical criteria.

A more detailed description of the team and our pathway approach can be found in the NHS Clinical Evaluation Team operating manual which can be found on our website at: www.nhsbsa.nhs.uk/cet.

2. Clinical Context

2.1 Clinical Definition and Scope

Intravenous Vapour permeable adhesive film dressings, more commonly referred to as “IV film dressings” are thin transparent polymeric films, with one side coated in a continuous adhesive layer. They are commonly used for wound management, skin protection and to secure external devices to the skin.

Film dressings included in this report are for the securement of peripheral vascular access devices in adults.

The following dressings have been excluded from the scope of this report:

- Film dressings used to secure other vascular access devices such as midlines, central venous catheters (CVC), and arterial lines. A separate report will be published evaluating these dressings
- Dressings smaller than 5cm x 5.75cm as these are mainly used to secure devices in children or those specifically marketed as a paediatric dressing. A separate report will be published evaluating these dressings
- Medicated dressings such as those impregnated with chlorhexidine gluconate
- Film dressings used for wound care

2.2 Intended Clinical Use

The primary purpose of the dressing is to secure a peripheral cannula in a vein whilst providing an impermeable and waterproof barrier to bacteria which allows the transmission of vapour from the cannula insertion site preventing the skin becoming inflamed and excoriated. Transparency of the dressing allows for visual inspection of the cannula insertion site.

2.3 Clinical Practice

In clinical practice the IV film dressing is used as part of a procedure and is found in a variety of clinical situations, from the emergency at the roadside to a planned procedure in an operating suite. The dressing is expected to hold the cannula securely in place for the duration of the treatment. This can vary from a matter of hours to days depending on the therapy being administered.

2.4 Clinical Impact

The dressing not only acts as a securement device but also a physical barrier to bacteria whilst allowing the transmission of vapour from the cannula site. It is important for the cannula site to remain dry as this reduces the risk of infection. Secure fixation of the cannula prevents the cannula from falling out as well as preventing unnecessary movement within the vein causing irritation to the internal lumen of the vein, which may ultimately result in mechanical phlebitis. Failure of the cannula results in delays in treatment and potential pain and distress to the patient, as cannula insertion is an invasive procedure.

The dressing selection should take into account the type of cannula being secured; expected dwell time and consideration of the patients skin type and condition (RCN Standards for Infusion Therapy 2016).

According to Loveday et al (2014), the evidence in the literature suggests that gauze and tape is as effective as a film dressing in securing the cannula, but does not offer the barrier to bacteria. If the gauze becomes wet it potentially provides a pathway for bacteria to colonise the entry site. The dressing needs to be transparent so that the insertion site can be visually inspected as a minimum during each shift and the visual infusion phlebitis (VIP) score (Jackson 1998) should be recorded. (RCN Standards for Infusion Therapy 2016).

2.5 Product Technical Design

IV film dressings are deemed to be vapour permeable film dressings, which are transparent and of a suitable size to hold the device securely in place. The film adhesive may be silicone or acrylic-based. The dressing must be latex-free and supplied as sterile, individually wrapped and in packaging clearly marked for single-use only.

They are available from the national supplier in boxes of 50 or 100 individual dressings depending on the individual brand.

3. Pathway Methods

3.1 Intelligence Gathering

In preparation of the criteria, account has been taken of academic and related clinical evidence, known guidance and nationally recognised publications as further described in this Section 3.

3.1.1. Literature search

A literature search has been undertaken to establish what current academic knowledge exists on the products for evaluation. It should be noted that the team have not conducted a comprehensive or systematic review of literature. However, the team have interrogated the information to look for common themes which supported the development of the clinical criteria.

The search terms used (see below) generated many returns, including the recently published document 'Infusion Therapy Standards, Rapid Evidence Review 2016'. This Rapid review of the evidence was undertaken to support the development of the updated 'RCN Standards for Infusion Therapy, V4' published in December 2016 and provides a comprehensive review of the current literature base.

Search criteria	Databases searched
• Film dressings • Vapour permeable film dressings • Vapour films • Intravenous cannula securement	• **NICE website evidence search https://www.evidence.nhs.uk/** • **NICE website journals and databases https://www.nice.org.uk/about/what-we-do/evidence-services/journals-and-databases (using Healthcare databases advanced search tool – Ovid, Medline, CINAHL, databases searched)**
Date Range	**Since 2000**
Language	**English**

Figure 1 Literature and other sources searches – Vapour permeable film dressings used to secure vascular access devices.

3.1.2. National procurement provider specification

As the national procurement provider, NHS Supply Chain manages a framework of suppliers who are then listed in the national catalogue. These products are included in the General Wound care framework which covers a wider selection of products than just IV film dressings.

The specification used by the national provider (NHS Supply Chain) has been reviewed to understand what has previously been asked of suppliers of these dressings.

Film Dressings and Associated Products

3.5. All film dressings within this Lot must conform to the following requirements;

- Be waterproof;
- Be supplied sterile, individually wrapped and in packaging clearly marked for single use only;
- Enable an aseptic, no-touch application technique (ANTT);
- Have a minimum wear time of 48 hours and be atraumatic to the peri wound skin on removal;
- Be available with silicone based or acrylic based adhesive; and
- Be latex free.

Figure 2. NHS Supply Chain Framework Agreement Specification General Wound Care Rev: 3.0

3.1.3. National and international safety and quality standards

Account has also been taken of appropriate international and other standards as they pertain to the devices (e.g. from the International Organisation for Standardisation (ISO), European Standards (EN) and/or British Standards Institution (BSI). A review of Medicines & Healthcare products Regulatory Agency (MHRA) alerts has also been performed. The MHRA website (https://www.gov.uk/drug-device-alerts) returned no product alerts relating to this product category against the search terms previously described.

Medical Device Directive 93/42/EEC as amended, currently in transition to the new Medical Device Regulation MDR 2017/745

All products classified as a Medical Device must have their CE marking clearly evident on the product and/or packaging and meet the requirements set out within the standard(s) related to labelling.

3.1.4. Product suppliers and manufacturers

All suppliers listed within the national framework were invited to submit relevant evidence, product information and testing data to help support the review.

All suppliers provided some level of information from product brochure through to technical datasheets and compliance with standards.

3.1.5. Quality of evidence

Hierarchy of evidence

Levels of evidence sometimes referred to as hierarchy of evidence are assigned to studies based on the methodological quality of their design, validity, and applicability to patient care.

Hierarchy ranking	Description
Level 1	A systematic review of all relevant randomised controlled trials (RCT) or evidence-based clinical practice guidelines based on systematic reviews of RCT evidence
Level 2	Evidence from at least one well designed RCT
Level 3	Evidence from well-designed controlled trials; non-randomised, quasi experimental
Level 4	Well-designed case control & cohort studies
Level 5	Systematic reviews of descriptive and qualitative studies
Level 6	Evidence from a single, descriptive or qualitative study
Level 7	Evidence from the opinion of authorities and/or reports of expert committees

Figure 3– Hierarchy ranking: Evidence based practice in nursing & healthcare: a guide to best practice" (B.M. Melnyk & E. Fineout-Overholt; 2005; p10)

3.2 Best Practice Guidelines

The Royal College of Nursing 'Standards for Infusion therapy, V4 (2016)' are recognised as best practice guidelines and it is recommended within this document that local trust guidelines should be based on these guidelines.

4. NHS Clinical Engagement

In order to develop a shared vision of what is required from IV film dressings several methods of engagement were used. These events were used to formulate thoughts, ideas and needs from different clinicians familiar with these products; identifying their own expectation(s) of the product for their given patient group, and intended patient outcome, being used in a variety of differing clinical environments.

Mapping exercises were undertaken to determine personnel that should be involved and/or consulted regarding these products. This stage of the report focused on clinical staff that are:

a) recognised as subject experts, and/or
b) recognised regular users of the devices in their clinical practice.

Various methods of engagement were undertaken to ensure these clinical opinions were robust, and validated by peers from around the country, options of engagement included:

Regional and national face-to-face events with NHS clinical colleagues
Focused visits to NHS clinicians regional and national face-to-face events
Website subscription
Attendance at specialist network events
Attendance at NHS Business Services Authority events
Web-based surveys and e-engagement tools (e.g. email, WebEx, portal based surveys)

4.1 Clinical Conversations

To build a broad caucus of attendees at our events letters were sent inviting Trusts to nominate clinical colleagues to attend a series of regional group events. These were hosted by NHS organisations throughout England to enable the widest possible access for all invited. This ensured to set aside any pre-existing regional variance.

Details of the discussion outcomes were recorded in workbook form from the open events, transcribed and then used together with the evidence gathered at the previous project stage to inform a list of clinical criteria against which the product has been tested.

4.2 Clinical Criteria

The data received from all the NHS clinical conversation events, alongside the data collected from individual experts, was assimilated into a series of clinical criteria.

A clinical criterion is defined for the purposes of this report as a principle or standard by which products may be evaluated. It is a statement which describes the clinician's requirements for the product.

The proposed criteria were validated by workshop attendees and all other clinical experts engaged in the development process. In addition, other clinical experts who are likely to add further useful insight were also included, leading to the finalised clinical criteria listed below.

	CLINICAL CRITERIA INTRAVENOUS VAPOUR PERMEABLE FILMS USED TO SECURE PERIPHERAL INTRAVENOUS DEVICES IN ADULTS
Packaging and Storage	The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find
	There are clear instructions for use and product information within the packaging
	The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper
	The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging
Opening and Preparation	The individual dressing packet contains clear instructions for application of the dressing
	Ease of opening and preparing dressing maintaining product sterility
Clinical Use	Ease and clarity of dressing application order when removing the backing paper
	The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself
	Ease of removing securing strips from backing paper (where present) whilst wearing gloves
	Ease with which dressing could be applied over the cannula insertion site – securing the cannula device
	Visibility of the cannula insertion site
	Does the dressing have an integral strip to record insertion date and time?
	The strip can be easily written on with a black pen.
	Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)
	Cannula remains in situ during the removal of the dressing
	Securement strips remain in situ during the removal of the dressing
	Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.
	Moisture Vapour Transmission rate (g/m^2/24hrs)
	Conformability = mean inflation pressure (mmHg)
Disposal	The product can be safely disposed of in the clinical environment

Figure 4 – clinical criteria

4.2.1. Criteria explanation- Inclusion Intravenous vapour permeable films used to secure peripheral intravenous devices in adults

To enhance the readers understanding of this report, and to provide value to the results, an explanation for the defined clinical criteria is captured.

Packaging Criteria	Explanation
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	To optimise time management of health professional and reduce error of selecting wrong product- which can also lead to longer treatment time, greater risk of compromising sterile field, increase patient risk and reduce patient concordance in treatment plan.
There are clear instructions for use and product information within the packaging	Information regarding product is important for health professionals to familiarise themselves with products prior to application
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	As in some working environments (district nurses/ clinic rooms) products are removed from external box packaging, thus the individual packaging will be the only form of product identification
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	As previous to reduce wastage of time and error of opening wrong product - which can impact health professional time for activity, greater risk of compromising sterile field, and reduce patient concordance

Opening and Preparation Criteria	Explanation
The individual dressing packet contains clear instructions for application of the dressing	Information regarding product is important for health professionals to familiarise themselves with products prior to application, and during procedure to optimise product efficacy and time taken to apply, together with enhancing professional delivery to patient
Ease of opening and preparing dressing maintaining product sterility	Being able to open a product aseptically is a fundamental, however the ease at which this can be achieved is also important for patient experience, health professional credibility, and reducing wastage- both time and product

Clinical Use Criteria	Explanation
Ease and clarity of dressing application order when removing the backing paper	Ease of application may reduce product wastage from mis application, it may also reduce duration of procedure, which may reduce; risk of infection; enhance patient experience, promote patient confidence and concordance in health professional knowledge and ability
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	Flexibility of product is linked to expectation that this enables securing of IV cannula without compromising its integrity or increasing patient pain with film application improving patient experience and promote concordance
Visibility of the cannula insertion site	Visibility of cannula entry site enables monitoring of the entry site without the need to remove/change the securing film dressing which may increase risk of infection, pain and result in poor patient experience
Does the dressing have an integral strip to record insertion date and time?	The option of recording strip enables clinician and patient at a glance to see when cannula and fixation device was applied providing governance “at a glance” without the need to access patient records
The strip can easily be written on with a black pen.	
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	Ease of removal may optimise clinical time for completing activity, enhance professional credibility to patient, reduce pain and trauma and promote nurse-clinician relationship
Cannula remains in situ during the removal of the dressing	Patency of cannula is a significant element in care delivery and management of a patient with a peripheral intra-venous cannula. Removal or change of film securing cannula increases risk of compromising this patency, the ease of which the film can be removed may reduce this risk. Securing strips remaining when outer film is removed may further enhance patency and reduce risk of cannula misplacement which may lead to replacement of actual IV cannula.
Securement strips remain in situ during the removal of the dressing	
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	Pain and trauma of dressing removal is a significant factor in patient experience, and concordance with care
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	Films are often referred to as vapour permeable film dressings; MVTR refers to the properties of the film and clinicians requested clear visibility of what the actual MVTR rates are for the differing films
Conformability = mean inflation pressure (mmHg)	The requirement of the dressing to conform to the bodies contours ensures the dressing adheres to the skin and therefore reduces the risk of infections.

Figure 5- Clinical criteria inclusion explanation

4.2.2. Criteria explanation- Exclusion Intravenous vapour permeable films used to secure peripheral intravenous devices in adults

To capture true representation of clinical opinion, this report also aims to capture criteria that were raised, but not included as final criteria when the evaluation of the IV film dressings took place.

Criteria relating to the products being licensed for neonatal or paediatric use were not included as following the clinical conversations it was decided to narrow the scope of the report to adult dressings only. A separate product evaluation utilising the expertise of paediatric and neonatal clinicians will be undertaken of IV film dressings listed as being suitable for use in neonates and paediatric patients.

4.3 Product Evaluation

Evaluation methodologies are defined for each and every clinical criterion. They reflect a simulated clinical environment.

Wherever possible, products were supplied in a 'ward ready' unit of issue as would be found by clinical staff on accessing a store area in their clinical environment. Where this has not been possible it was acknowledged as part of the product assessment results matrix.

The tests were formulated to move through the key aspects of product use using the NHS Clinical Evaluation Team product cycle:

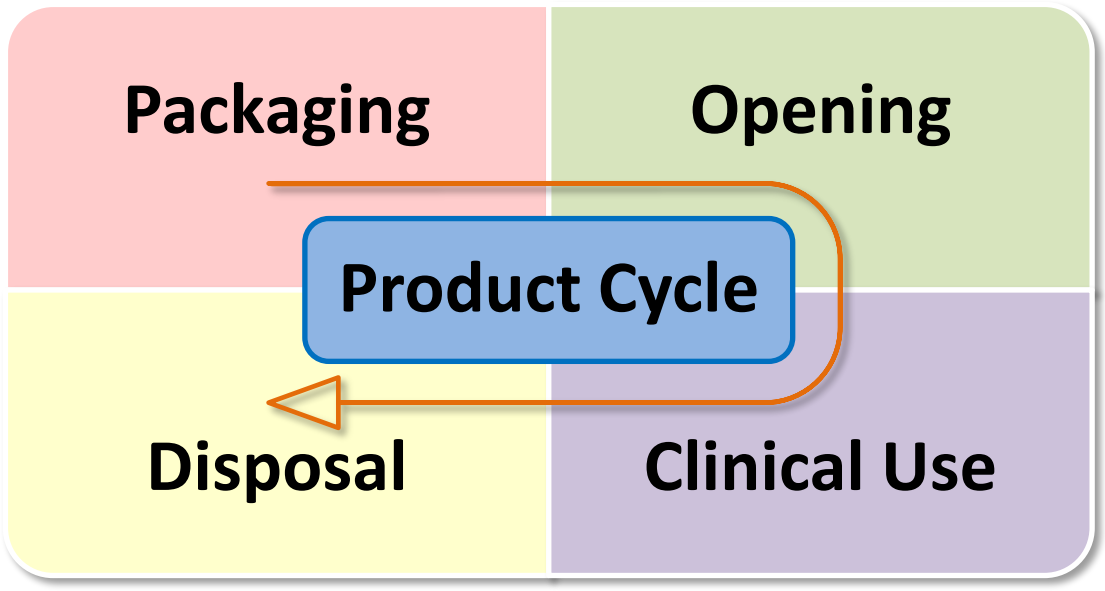


Figure 6 – NHS Clinical Evaluation Team Product Cycle

The evaluation product was ordered and picked from the NHS distribution centres. Products evaluated have been stored post evaluation for a period of three months after publication of this review.

Practicing NHS clinical staff were invited to review the products in accordance with the developed criteria. It was not possible to 'blind' the evaluations; in the sense that the evaluators were aware of the product brand; however, the product to be evaluated was independently picked in accordance with the product selection criteria in Section 2 and prepared for evaluation by colleagues who were not otherwise involved in the process.

Each clinical evaluator entered data independently and without inter-rater comparison into their own workbook. These were then collated, reviewed and summarised by the clinical specialist lead for the project.

As part of the evaluation preparation, each evaluator was given a more detailed and product specific definition for each of the scores

The defined criteria either prompted a 'yes/no' answer, represented with a √/ X, or a score was given between 0 and 2, or 0 and 3 as follows:

Score	Meaning
0	**This does not meet the criteria**
1	**This partially meets the criteria**
2	**This meets the criteria**
3	**This exceeds the criteria**

Figure 7 – NHS Clinical Evaluation Team scoring methods

These numerical scores across all evaluators were totalled and a mean value determined. This mean value has then been converted into a star rating (see matrix below).

The mean values convert to a star rating in accordance with the following table:

Point scored			Star value	
0	**to**	**0.99**	**0**	**Stars**
1	**to**	**1.24**	**1**	**Star**
1.25	**to**	**1.74**	**1.5**	**Stars**
1.75	**to**	**2.24**	**2**	**Stars**
2.25	**to**	**2.74**	**2.5**	**Stars**
2.75	**to**	**3**	**3**	**Stars**

Figure 8 – conversion of mean scores to star rating

The above scoring mechanisms will not be followed where the criterion identified by the CET cannot reasonably exceed expectations. For example, if the clinical criterion was whether the removal of an adhesive dressing was atraumatic and with the individual patient reporting no pain or skin damage, then it cannot reasonably be

expected that a product could exceed that criteria. Therefore, in such circumstances, the relevant criteria will be based on the scoring regime of:

a. If the criterion is a Yes/No response, the responses will be converted into aggregate percentages and then star ratings as follows:

Percentages	Star value
0% to 24.99%	0 star
25% to 49.99%	1 star
50% to 74.99%	1.5 stars
75% to 100%	2 stars

Figure 9 – Percentage scores to star rating

b. For other subjective criteria, the responses will be converted into mean scores and then star ratings as follows:

Point scored	Star value
0 to 0.49	0 star
0.5 to 0.99	1 star
1 to 1.49	1.5 stars
1.5 to 2	2 stars

Figure 10 – Points scores to star rating

On the basis that clinical evaluators will be providing scores as follows:

- 0 stars – Does not meet the criteria
- 1 star – Partially meets the criteria
- 2 stars – Meets the criteria

All supplemental products used in the evaluation are in use in the NHS and available through the national catalogue (e.g. clinical waste containers, gloves, cannulas).

Evaluators were also encouraged to record comments where they felt it necessary to provide rationale for their scoring and answers.

The results obtained have been validated by the NHS Clinical Evaluation Team moderation committee for consistency of scoring and interpretation. These results are presented in the product assessment reports herein.

5. Product Assessment Results

The following product assessment results pages show the tested clinical criteria listed horizontally on the left-hand side of the page with the tested device found vertically across the top of the matrix. The accompanying photographs were taken during evaluation. These photographs are of sample products provided for evaluation. Lot numbers were recorded and samples have been retained in storage following the completion of evaluation.

The products represented are the range of suppliers and brands available through the NHS national procurement provider's framework as of August 2016.

Results can be seen within the product matrix. Each clinical product has been given a star rating and the evaluator's collated comments are included in the matrix.

The product assessment results have been divided into 3 sub-categories of intravenous cannula: winged ported, winged non-ported (winged straight) and non-winged non-ported (straight). Intravenous cannulae that incorporate an extension set and needle free connector were excluded from this dressing evaluation.

NB: Wear time for each particular dressing was not evaluated as this is subject to a number of variables which cannot be replicated in a test environment. Wear time as per the manufacture's literature has been included in the matrix for guidance only. The clinician should decide which dressing is most suited to their client group and clinical indication. As with all dressings consideration needs to be taken into account of the patient's current clinical condition, their skin type and the duration of the expected dwell time of the cannula.

5.1.1. Independent Laboratory testing results

The Surgical Materials Testing Laboratory (SMTL) in Wales was commissioned by the CET to carry out independent testing on all suppliers' dressings on the current framework. Samples were drawn from NHS Supply Chain warehouse at Normanton, along with products only available via the blue diamond route, and were couriered to the SMTL facility in Wales. SMTL were asked to assess the Moisture Vapour Transmission Rate (MVTR), waterproofness and the conformability of the dressings. Clinicians asked for the information to be presented in a single graphical format for each of these two factors. Several suppliers provided MVTR details but it was decided to independently verify this information.

MVTR and waterproofness testing was based on the European Standard EN 13726: Test methods for primary wound dressings Part 2 and 3 respectively, however a smaller aperture test cell was used to accommodate the small size of the dressings. Note that the results of testing with the smaller size cylinder may not be comparable with other testing performed in which the standard EN 13726 test cylinder is used. Conformability testing was performed using an internal SMTL test method.

The results from the tests are summarised below:

Waterproofness

All dressings complied with this test and are therefore waterproof.

Conformability

Conformability of the dressings was tested using a modification of an internal SMTL test method (TM-16) in which the pressure required to distort a dressing to a set height was measured. In this test a sample of the dressing was secured to a test cell and air introduced, causing the dressing to expand and form a hemisphere which gradually increased until the height of the dressing reached 10mm. The inflation pressure

(measured in millimetres of mercury mmHg) required to distort the dressing was recorded. Higher pressures are associated with lower conformability (i.e. the dressing is more rigid).

The results for conformability are shown in tabular (figure 11a) and graphical format (figure 11b).

Brand	Mean Inflation pressure	Standard deviation
Hydrofilm IV	202.9	5
Clearfilm IV	196.5	6
365 - 36590046	194.3	5
Mepore IV	189	5
Clearfilm IV PRO	177.9	13
Curafix IV	169.1	6
Tegaderm IV Advanced	160.5	6
Tegaderm IV	146.2	5
Premier film IV	139.1	6
IV3000	130.5	8
Leukomed IV	125.6	3
Tegaderm diamond	72.2	1
Vygon Dermafilm	58.1	4

Figure 11a

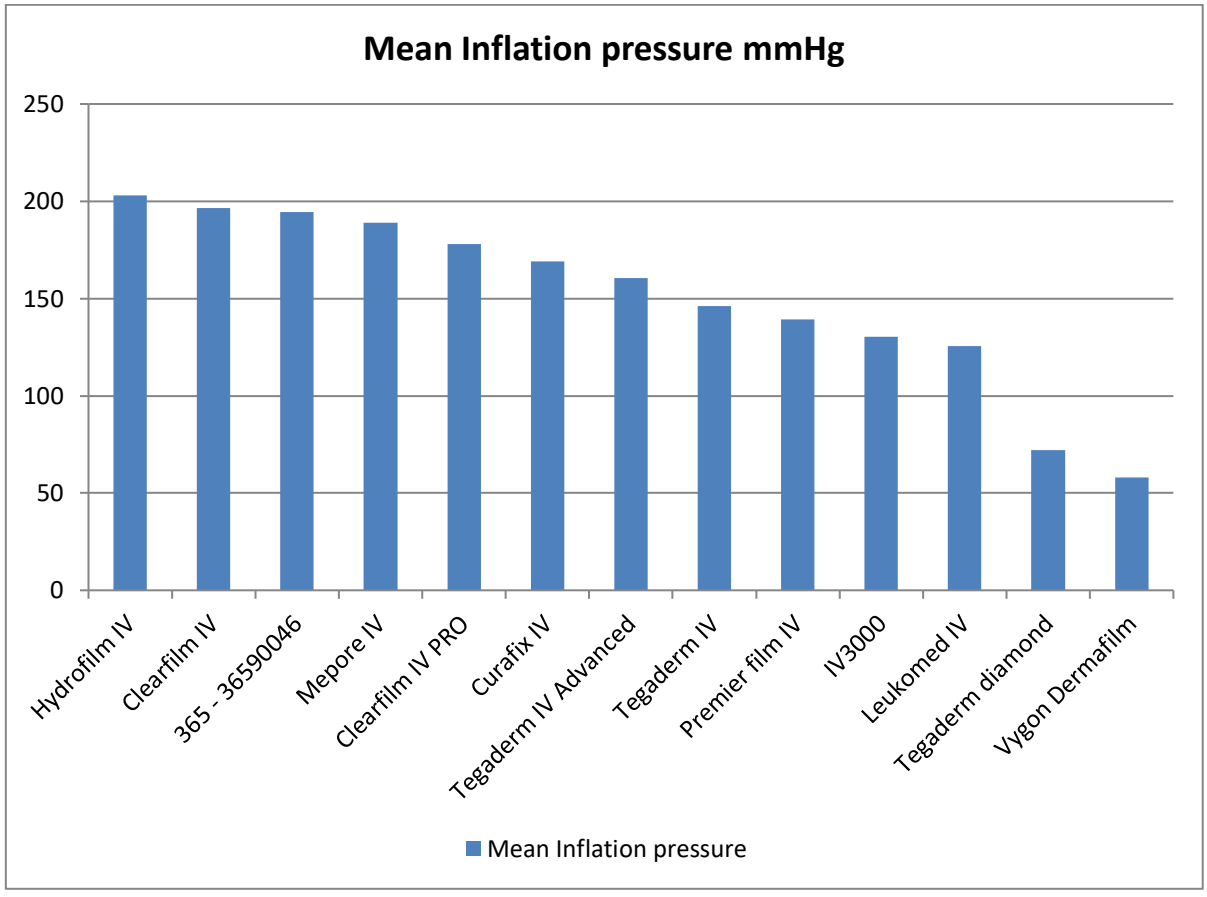


Figure 11b

Moisture Vapour Transmission rate g/m ^{2}/24hrs (MVTR)

From our clinical conversations, 75% of respondents felt this was an important feature and thought they knew what it was, but often did not know how the dressing they were using rated against other dressings.

MVTR was tested by SMTL using a method based on the European Standard BS EN 13726-2:2002 – Test methods for primary wound dressings. Part 2 Moisture vapour transmission rate of permeable film dressings. Section 3.3 MVTR of a wound dressing when in contact with liquid (artificial exudate). This shows the rate at which the dressing allows moisture vapour to pass through the dressing from the wound site to the exterior. It is reported in grams per meter squared per 24 hours (g/m ^{2} /24hrs).

The higher the resulting number, the greater the vapour transmission function of the film dressing. High MVTR keeps the cannula insertion site dry and reduces the risk of skin damage due to maceration. Clinical staff should assess the relevance of this feature in relation to their individual patient's needs, for example a dressing with a higher MVTR may be more suitable in a patient with clammy skin, where moisture may accumulate under the dressing necessitating more frequent dressing changes.

The results for MVTR are shown in both tabular (figure 12a) and graphical format (figure 12b).

Brand	Moisture Vapour Transmission rate g/m^2/24hrs	Standard deviation
Tegaderm IV	790	76
Leukomed IV	828	60
Clearfilm IV	847	73
Curafix IV	866	35
Vygon Dermafilm	952	29
Premier film IV	1019	50
365 - 36590046	1408	122
Mepore IV	1427	230
Clearfilm IV PRO	1739	169
Hydrofilm IV	1822	61
Tegaderm diamond	3270	137
Tegaderm IV Advanced	4102	341
IV3000	19000	2868

Figure 12a

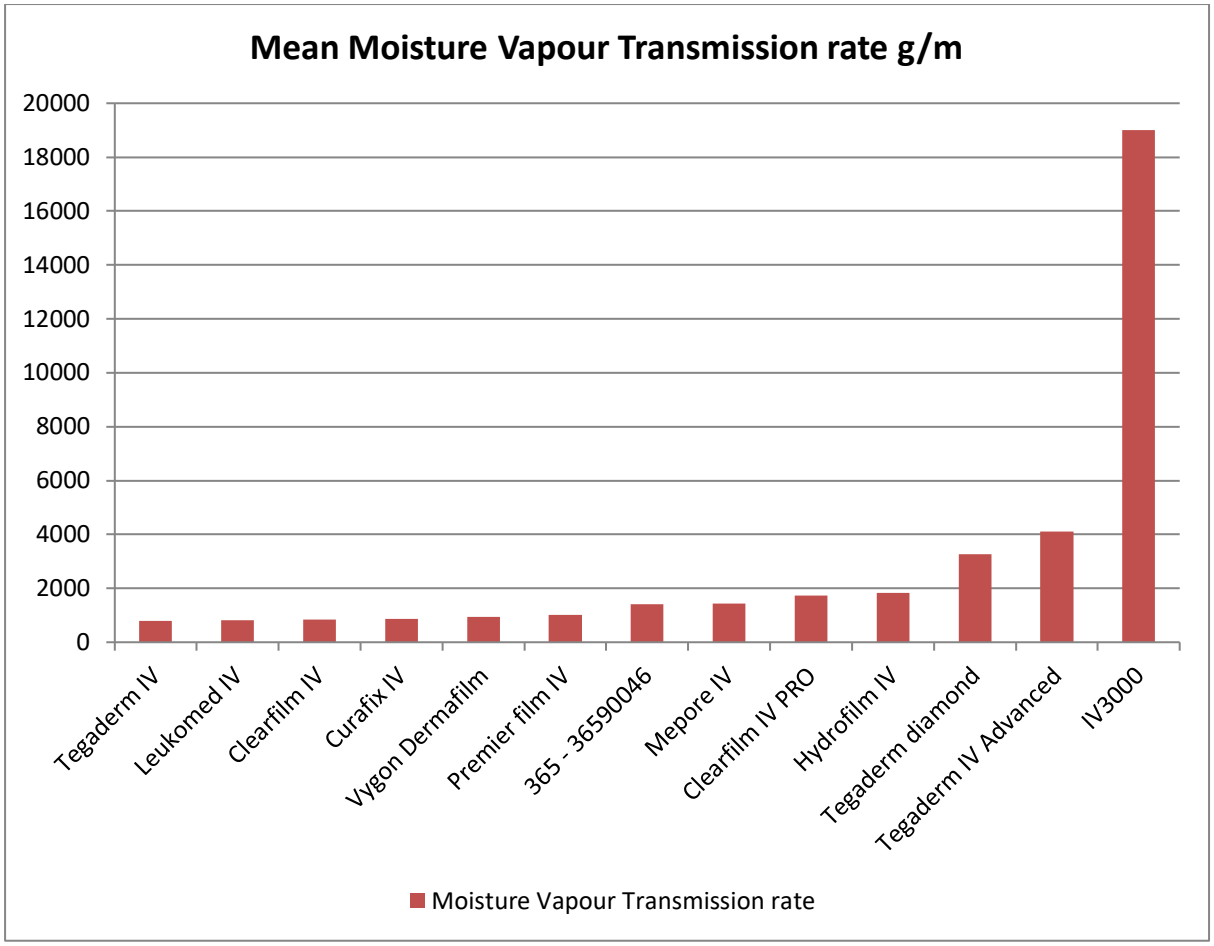


Figure 12b

Testing was carried out on the film dressings available on the framework in May 2017.

365 HEALTHCARE

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS							
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW555 (365 Healthcare)	ELW555 (365 Healthcare)	ELW555 (365 Healthcare)	ELW541 (365 Healthcare)	ELW881 (365 IV Film)	ELW881 (365 IV Film)	ELW881 (365 IV Film)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	7CM X 8.5CM PERIPHERAL LINE DRESSING FOR CANNULA FIXATION	7CM X 8.5CM PERIPHERAL LINE DRESSING FOR CANNULA FIXATION	7CM X 8.5CM PERIPHERAL LINE DRESSING FOR CANNULA FIXATION	7CM X 9CM	6CM X 7 CM	6CM X 7 CM	6CM X 7 CM
CANNULA STYLE	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED
MPC	36590046	36590046	36590046	36590018	36590047	36590047	36590047
WEAR TIME as stated by manufacturer	not stated	not stated	not stated	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.00)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★½☆ (1.57)	★½☆ (1.57)	★½☆ (1.57)	★½☆ (1.29)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	★☆☆ (1.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.86)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★½☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★½ (2.29)	★★½ (2.29)	★★½ (2.29)	★½☆ (1.71)	★★½ (2.30)	★★½ (2.30)	★★½ (2.30)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★½☆ (1.25)	N/A	N/A	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★☆ (1.86)	★★☆ (2.00)	★★☆ (2.00)	★½☆ (1.71)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓	✓	✓	✓	✓
The strip can be easily written on with a black pen	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	★★ **	★½ **	N/A	N/A	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.86)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Moisture Vapour Transmission rate (g/m²/24hrs)	1408 (SD 122)	1408 (SD 122)	1408 (SD 122)	not available at time of report publication	not available at time of report publication	not available at time of report publication	not available at time of report publication
Conformability = mean inflation pressure (mmHg)	194.3 (SD 5)	194.3 (SD 5)	194.3 (SD 5)	not available at time of report publication	not available at time of report publication	not available at time of report publication	not available at time of report publication
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓

** Maximum number of stars attainable 2

L & R MEDICAL UK (Formerly – ACTIVA HEALTHCARE)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS			
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	**EIJ317 (Curafix IV Control)**	**EIJ317 (Curafix IV Control)**	**EIJ317 (Curafix IV Control)**
NHSSC BASE DESCRIPTION	**DRESSING IV FIXATION DEVICE VAPOUR PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV FIXATION DEVICE VAPOUR PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV FIXATION DEVICE VAPOUR PERMEABLE ADHESIVE FILM STERILE**
NHSSC SECONDARY DESCRIPTION	**9CM X 6CM**	**9CM X 6CM**	**9CM X 6CM**
CANNULA STYLE	**PORTED**	**STRAIGHT WINGED**	**STRAIGHT NON WINGED**
MPC	**30200**	**30200**	**30200**
WEAR TIME as stated by manufacturer	**not stated**	**not stated**	**not stated**
ADHESIVE/FILM PROPERTIES	**Polyacrylate adhesive**	**Polyacrylate adhesive**	**Polyacrylate adhesive**
CLINICAL CRITERIA	**Score**	**Score**	**Score**
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★½☆ (1.67)	★★☆ (1.67)	★½☆ (1.67)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★½☆ (1.50)	★½☆ (1.50)	★½☆ (1.50)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★½☆ (1.67)	★★☆ (1.67)	★½☆ (1.67)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★☆☆ (1.17)	★☆☆ (1.00)	★☆☆ (1.00)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✗	✗	✗
The strip can be easily written on with a black pen	N/A	N/A	N/A
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	**866 (SD 35)**	**866 (SD 35)**	**866 (SD 35)**
Conformability = mean inflation pressure (mmHg)	**169.1 (SD 6)**	**169.1 (SD 6)**	**169.1 (SD 6)**
The product can be safely disposed of in the clinical environment	✓	✓	✓

** Maximum number of stars attainable 2

BSN MEDICAL LTD

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS						
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW332 (Leukomed IV)	ELW332 (Leukomed IV)	ELW332 (Leukomed IV)	ELW360 (Leukomed IV)	ELW360 (Leukomed IV)	ELW360 (Leukomed IV)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	6CM X 8CM	6CM X 8CM	6CM X 8CM	7cm x 9cm	7cm x 9cm	7cm x 9cm
CANNULA STYLE	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED
MPC	72390-00	72390-00	72390-00	72390-05	72390-05	72390-05
WEAR TIME as stated by manufacturer	not stated	not stated	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
There are clear instructions for use and product information within the packaging	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet contains clear instructions for application of the dressing	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★½☆ (1.29)	★½☆ (1.29)	★½☆ (1.29)	★½☆ (1.33)	★½☆ (1.33)	★½☆ (1.33)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★☆ (1.86)	★★☆ (1.86)	★★☆ (1.86)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	★½☆ (1.39)	★½☆ (1.39)	★½☆ (1.39)	★½☆ (1.50)	★½☆ (1.50)	★½☆ (1.50)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★½☆ (1.71)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (2.00)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓	✓	✓	✓
The strip can be easily written on with a black pen	★½☆ (1.50)	★½☆ (1.50)	★½☆ (1.50)	★½☆ (1.50)	★½☆ (1.50)	★½☆ (1.50)
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	828 (SD 60)	828 (SD 60)	828 (SD 60)	828 (SD 60)	828 (SD 60)	828 (SD 60)
Conformability = mean inflation pressure (mmHg)	125.6 (SD 3)	125.6 (SD 3)	125.6 (SD 3)	125.6 (SD 3)	125.6 (SD 3)	125.6 (SD 3)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓

Some assessors had issues identifying the securement strips and the label for date and time.

** Maximum number of stars attainable 2

CLINISUPPLIES LTD

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS			
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	**Cliniclear**	**Cliniclear**	**Cliniclear**
NHSSC BASE DESCRIPTION	**Dressing IV Vapour-Permeable Adhesive Film Sterile**	**Dressing IV Vapour-Permeable Adhesive Film Sterile**	**Dressing IV Vapour-Permeable Adhesive Film Sterile**
NHSSC SECONDARY DESCRIPTION	**6cm x 7cm (tolerance +/- 5%) (BASICLINE)**	**6cm x 7cm (tolerance +/- 5%) (BASICLINE)**	**6cm x 7cm (tolerance +/- 5%) (BASICLINE)**
CANNULA STYLE	**Ported**	**Straight winged**	**Straight non winged**
MPC	**D-FM6X7AF/B**	**D-FM6X7AF/B**	**D-FM6X7AF/B**
WEAR TIME as stated by manufacturer	**not available at time of report publication**	**not available at time of report publication**	**not available at time of report publication**
ADHESIVE/FILM PROPERTIES	**not available at time of report publication**	**not available at time of report publication**	**not available at time of report publication**
CLINICAL CRITERIA	**Scores**	**Scores**	**Scores**
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★½☆ (1.70)	★½☆ (1.70)	★½☆ (1.70)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	Not suitable for a ported cannula	★★☆ (1.75)	★★☆ (1.80)
Visibility of the cannula insertion site	Not suitable for a ported cannula	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓
The strip can be easily written on with a black pen	★★ **	★★ **	★★ **
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	Not suitable for a ported cannula	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	Not suitable for a ported cannula	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	not assessed	not assessed	not assessed
Moisture Vapour Transmission rate (g/m²/24hrs)	**not available at time of report publication**	**not available at time of report publication**	**not available at time of report publication**
Conformability = mean inflation pressure (mmHg)	**not available at time of report publication**	**not available at time of report publication**	**not available at time of report publication**
The product can be safely disposed of in the clinical environment	✓	✓	✓

** Maximum number of stars attainable 2

PAUL HARTMANN LTD

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS			
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	**ELW333 (Hydrofilm IV Control)**	**ELW333 (Hydrofilm IV Control)**	**ELW333 (Hydrofilm IV Control)**
NHSSC BASE DESCRIPTION	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**
NHSSC SECONDARY DESCRIPTION	**9CM X 7CM**	**9CM X 7CM**	**9CM X 7CM**
CANNULA STYLE	**PORTED**	**STRAIGHT WINGED**	**STRAIGHT NON WINGED**
MPC	**685741**	**685741**	**685741**
WEAR TIME as stated by manufacturer	**maximum of 4 days**	**maximum of 4 days**	**maximum of 4 days**
ADHESIVE/FILM PROPERTIES	**Polyurethane film**	**Polyurethane film**	**Polyurethane film**
CLINICAL CRITERIA	**Score**	**Score**	**Score**
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Ease of opening and preparing dressing maintaining product sterility	★½☆ (1.67)	★½☆ (1.67)	★½☆ (1.67)
Ease and clarity of dressing application order	★☆☆ (1.17)	★☆☆ (1.17)	★☆☆ (1.17)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★½☆ (1.50)	★½☆ (1.50)	★½☆ (1.50)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★☆☆ (1.17)	★☆☆ (1.17)	★☆☆ (1.17)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✗	✗	✗
The strip can be easily written on with a black pen	N/A	N/A	N/A
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★½☆ (1.67)	★½☆ (1.67)	★½☆ (1.67)
Moisture Vapour Transmission rate (g/m²/24hrs)	**1822 (SD 61)**	**1822 (SD 61)**	**1822 (SD 61)**
Conformability = mean inflation pressure (mmHg)	**202.9 (SD 5)**	**202.9 (SD 5)**	**202.9 (SD 5)**
The product can be safely disposed of in the clinical environment	✓	✓	✓

** Maximum number of stars attainable 2

AQUILANT SURGICAL (SMITH & NEPHEW)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS								
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW046 (IV3000)	ELW039 (IV3000)	ELW039 (IV3000)	ELW039 (IV3000)	ELW037 (IV3000)	ELW032 (IV3000)	ELW032 (IV3000)	ELW105 (IV 3000)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	7CM X 9CM Two handed application (Please note this product states PORTED on the packaging)	6CM X8.5CM	6CM X8.5CM	6CM X8.5CM	6CM X 8CM PORTED CANNULA	6CM X 7CM NON WINGED PERIPHERAL CATHETER SINGLE HANDED APPLICATION	6CM X 7CM NON WINGED PERIPHERAL CATHETER SINGLE HANDED APPLICATION	6CM X 7CM NON WINGED PERIPHERAL CANNULA WITH FRAME DELIVERY
CANNULA STYLE	PORTED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	STRAIGHT WINGED	STRAIGHT NON-WINGED	STRAIGHT NON-WINGED
MPC	4006	4924	4924	4924	4923	4007	4007	59410082
WEAR TIME as stated by manufacturer	not stated	not stated	not stated	not stated	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	REACTIC™	REACTIC™	REACTIC™	REACTIC™	REACTIC™	REACTIC™	REACTIC™	REACTIC™
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★½ (2.29)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★½ (2.29)	★★½ (2.29)	★★½ (2.29)
There are clear instructions for use and product information within the packaging	★★☆ (2.14)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (1.86)	★½☆ (1.71)	★½☆ (1.71)	★½☆ (1.71)	★½☆ (1.71)	★★☆ (1.86)	★★☆ (1.86)	★★☆ (1.86)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	★★½ (2.50)	★★½ (2.50)	★★½ (2.50)	★★½ (2.50)	★★½ (2.50)	★★½ (2.50)	★★½ (2.50)	★★☆ (2.00)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (1.92)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.83)
Ease and clarity of dressing application order	★★☆ (2.00)	★☆☆ (1.14)	★☆☆ (1.14)	★☆☆ (1.14)	★½☆ (1.29)	★★☆ (2.07)	★★☆ (2.07)	★★☆ (1.86)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★½ (2.29)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★½☆ (1.29)	★★☆ (2.14)	★★☆ (2.14)	★½☆ (1.71)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	★★☆ (1.91)	N/A	N/A	N/A	N/A	★★☆ (1.79)	★★☆ (1.79)	★★☆ (2.00)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★☆ (2.00)	★☆☆ (1.00)	★☆☆ (1.18)	★☆☆ (1.18)	★½☆ (1.27)	★½☆ (1.50)	★½☆ (1.43)	★½☆ (1.71)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✗	✗	✗	✗	✓	✓	✓
The strip can be easily written on with a black pen	★★☆ (2.22)	N/A	N/A	N/A	N/A	★★☆ (2.22)	★★☆ (2.22)	★★☆ (2.22)
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	N/A	N/A	N/A	N/A	★★ **	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★½ (2.29)	★★☆ (2.00)	★★☆ (1.86)	★★☆ (2.17)	★★☆ (1.86)	★★½ (2.29)	★★☆ (2.00)	★★☆ (1.83)
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)
Conformability = mean inflation pressure (mmHg)	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓

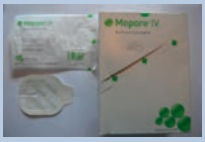
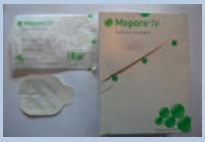
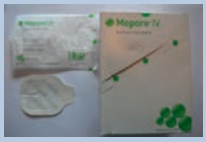
** Maximum number of stars attainable 2

MEDICAL SOLUTIONS – MED+S

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS			
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	**Protectfilm**	**Protectfilm**	**Protectfilm**
NHSSC BASE DESCRIPTION	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**
NHSSC SECONDARY DESCRIPTION			
CANNULA STYLE	**PORTED**	**Straight winged**	**Straight**
MPC	**1320040709M**	**1320040709M**	**1320040709M**
WEAR TIME as stated by manufacturer	**7 days to a maximum of 14 days**	**7 days to a maximum of 14 days**	**7 days to a maximum of 14 days**
ADHESIVE/FILM PROPERTIES	**Polyacrylates**	**Polyacrylates**	**Polyacrylates**
CLINICAL CRITERIA	**Score**	**Score**	**Score**
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet contains clear instructions for application of the dressing	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
Ease of opening and preparing dressing maintaining product sterility	☆☆☆ (0.56)	☆☆☆ (0.56)	☆☆☆ (0.56)
Ease and clarity of dressing application order	☆☆☆ (0.11)	☆☆☆ (0.11)	☆☆☆ (0.11)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	☆☆☆ (0.33)	☆☆☆ (0.33)	☆☆☆ (0.33)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	☆☆☆ (0.44)	☆☆☆ (0.44)	☆☆☆ (0.44)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓
The strip can be easily written on with a black pen	★★☆ (1.75)	★★☆ (1.75)	★★☆ (1.75)
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	☆☆ **	☆☆ **	☆☆ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	not assessed	not assessed	not assessed
Moisture Vapour Transmission rate ($g/m^2/24hrs$) (Please note the figure quoted has been supplied by the manufacturer whilst awaiting results)	**3000**	**3000**	**3000**
Conformability = mean inflation pressure (mmHg)	**not available at time of testing**	**not available at time of testing**	**not available at time of testing**
The product can be safely disposed of in the clinical environment	✓	✓	✓

** Maximum number of stars attainable 2

MOLNLYCKE HEALTHCARE LTD

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS			
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	**ELW225 (Molnlycke Mepore IV)**	**ELW225 (Molnlycke Mepore IV)**	**ELW225 (Molnlycke Mepore IV)**
NHSSC BASE DESCRIPTION	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**
NHSSC SECONDARY DESCRIPTION	**8CM X 9CM**	**8CM X 9CM**	**8CM X 9CM**
CANNULA STYLE	**PORTED**	**STRAIGHT WINGED**	**STRAIGHT NON WINGED**
MPC	**274200**	**274200**	**274200**
WEAR TIME as stated by manufacturer	**not stated**	**not stated**	**not stated**
ADHESIVE/FILM PROPERTIES	**polyurethane film coated with polyacrylic adhesive**	**polyurethane film coated with polyacrylic adhesive**	**polyurethane film coated with polyacrylic adhesive**
CLINICAL CRITERIA	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
There are clear instructions for use and product information within the packaging	★★½ (2.50)	★★½ (2.50)	★★½ (2.50)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet contains clear instructions for application of the dressing	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)
Ease and clarity of dressing application order	★½☆ (1.33)	★½☆ (1.33)	★½☆ (1.33)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✗	✗	✗
The strip can be easily written on with a black pen	N/A	N/A	N/A
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	**1427 (SD 230)**	**1427 (SD 230)**	**1427 (SD 230)**
Conformability = mean inflation pressure (mmHg)	**189 (SD 5)**	**189 (SD 5)**	**189 (SD 5)**
The product can be safely disposed of in the clinical environment	✓	✓	✓

** Maximum number of stars attainable 2

RICHARDSON HEALTHCARE LTD

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS									
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW650 (ClearFilm IV)	ELW650 (ClearFilm IV)	ELW650 (ClearFilm IV)	ELW651 (ClearFilm IV)	ELW651 (ClearFilm IV)	ELW651 (ClearFilm IV)	ELW852 (ClearFilm IV PRO)	ELW852 (ClearFilm IV PRO)	ELW852 (ClearFilm IV PRO)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	7CM X 9CM	7CM X 9CM	7CM X 9CM	6CM X 7CM	6CM X 7CM	6CM X 7CM	7CM X 9CM	7CM X 9CM	7CM X 9CM
CANNULA STYLE	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED
MPC	816060	816060	816060	816040	816040	816040	816000	816000	816000
WEAR TIME as stated by manufacturer	not stated	not stated	not stated	not stated	not stated	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)
There are clear instructions for use and product information within the packaging	(2.83)	(2.83)	(2.83)	(2.83)	(2.83)	(2.83)	(2.83)	(2.83)	(2.83)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)
The individual dressing packet contains clear instructions for application of the dressing	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Ease of opening and preparing dressing maintaining product sterility	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)
Ease and clarity of dressing application order	(1.67)	(1.67)	(1.67)	(1.83)	(1.83)	(1.83)	(1.78)	(1.78)	(1.78)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	(2.17)	(2.17)	(2.17)	(2.00)	(2.00)	(2.00)	(2.17)	(2.17)	(2.17)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	(2.17)	(2.17)	(2.17)	N/A	N/A	N/A	(2.00)	(2.00)	(2.00)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	(1.83)	(1.83)	(1.83)	(1.50)	(1.67)	(1.67)	(2.50)	(2.50)	(2.50)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓	✓	✓	✓	✓	✓	✓
The strip can be easily written on with a black pen	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	★★ **	N/A	N/A	N/A	★★ **	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	(1.83)	(1.67)	(1.83)	(2.00)	(2.00)	(2.00)	(1.83)	(1.83)	(1.83)
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	847 (SD 73)	847 (SD 73)	847 (SD 73)	847 (SD 73)	847 (SD 73)	847 (SD 73)	1739 (SD 169)	1739 (SD 169)	1739 (SD 169)
Conformability = mean inflation pressure (mmHg)	196.5 (SD 6)	196.5 (SD 6)	196.5 (SD 6)	196.5 (SD 6)	196.5 (SD 6)	196.5 (SD 6)	177.9 (SD 13)	177.9 (SD 13)	177.9 (SD 13)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓

** Maximum number of stars attainable 2

SHERMOND (DIV BUNZL RETAIL & HEALTHCARE SUPPLIES LTD)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS			
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	**ELW732 (Premierfilm)**	**ELW732 (Premierfilm)**	**ELW732 (Premierfilm)**
NHSSC BASE DESCRIPTION	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**
NHSSC SECONDARY DESCRIPTION	**7CM X 8.5CM**	**7CM X 8.5CM**	**7CM X 8.5CM**
CANNULA STYLE	**PORTED**	**STRAIGHT WINGED**	**STRAIGHT NON WINGED**
MPC	**5440**	**5440**	**5440**
WEAR TIME as stated by manufacturer	**not stated**	**not stated**	**not stated**
ADHESIVE/FILM PROPERTIES	**Polyurethane coated with polyacrylic adhesive**	**Polyurethane coated with polyacrylic adhesive**	**Polyurethane coated with polyacrylic adhesive**
CLINICAL CRITERIA	**Score**	**Score**	**Score**
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)
There are clear instructions for use and product information within the packaging	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	★★½ (2.67)	★★½ (2.67)	★★½ (2.67)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★★½ (2.39)	★★½ (2.39)	★★½ (2.39)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★½ (2.39)	★★½ (2.39)	★★½ (2.39)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★½ (2.33)	★★½ (2.33)	★★½ (2.40)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓
The strip can be easily written on with a black pen	★★☆ (2.22)	★★☆ (2.22)	★★☆ (2.22)
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	**1019 (SD 50)**	**1019 (SD 50)**	**1019 (SD 50)**
Conformability = mean inflation pressure (mmHg)	**139.1 (SD 6)**	**139.1 (SD 6)**	**139.1 (SD 6)**
The product can be safely disposed of in the clinical environment	✓ states that packaging can be recycled	✓ states that packaging can be recycled	✓ states that packaging can be recycled

** Maximum number of stars attainable 2

3M UNITED KINGDOM PLC

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS												
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW334 (Tegaderm IV)	ELW334 (Tegaderm IV)	ELW334 (Tegaderm IV)	ELW056 (Tegaderm IV)	ELW056 (Tegaderm IV)	ELW056 (Tegaderm IV)	ELW071 (Tegaderm IV)	ELW071 (Tegaderm IV)	ELW071 (Tegaderm IV)	ELW399 (Tegaderm)	ELW399 (Tegaderm)	ELW399 (Tegaderm)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	PERIPHERAL IV ADVANCED SECUREMENT DRESSING 7CM X 8CM	PERIPHERAL IV ADVANCED SECUREMENT DRESSING 7CM X 8CM	PERIPHERAL IV ADVANCED SECUREMENT DRESSING 7CM X 8CM	7 X8.5CM PERIPHERAL LINE FOR CANNULA	7 X8.5CM PERIPHERAL LINE FOR CANNULA	7 X8.5CM PERIPHERAL LINE FOR CANNULA	6 X 7CM PORTED CANNULA	6 X 7CM PORTED CANNULA	6 X 7CM PORTED CANNULA	6CM X 7CM	6CM X 7CM	6CM X 7CM
CANNULA STYLE	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED	PORTED	STRAIGHT WINGED	STRAIGHT NON WINGED
MPC	1681R	1681R	1681R	1633	1633	1633	1623W	1623W	1623W	1684	1684	1684
WEAR TIME as stated by manufacturer	up to 7 days	up to 7 days	up to 7 days	up to 7 days	up to 7 days	up to 7 days	up to 7 days	up to 7 days	up to 7 days	not available	not available	not available
ADHESIVE/FILM PROPERTIES	Polyurethane with acrylate adhesive	Polyurethane with acrylate adhesive	Polyurethane with acrylate adhesive	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/ Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/ Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/ Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/ Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/ Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/ Silicone. Adhesive: Acrylate	thin film backing, hypoallergenic adhesive	thin film backing, hypoallergenic adhesive	thin film backing, hypoallergenic adhesive
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)
There are clear instructions for use and product information within the packaging	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.17)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)	(1.83)
The individual dressing packet contains clear instructions for application of the dressing	(2.25)	(2.25)	(2.25)	(2.19)	(2.19)	(2.19)	(2.19)	(2.19)	(2.19)	(2.00)	(2.00)	(2.00)
Ease of opening and preparing dressing maintaining product sterility	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)
Ease and clarity of dressing application order	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.00)	(2.17)	(2.17)	(2.17)	(2.32)	(2.32)	(2.32)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	(2.38)	(2.38)	(2.38)	(2.33)	(2.33)	(2.33)	(1.89)	(1.89)	(1.89)	(2.19)	(2.19)	(2.19)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	(2.57)	(2.57)	(2.57)	(2.33)	(2.33)	(2.33)	N/A	N/A	N/A	N/A	N/A	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	(2.50)	(2.80)	(2.80)	(2.14)	(2.00)	(2.40)	(2.00)	(2.00)	(2.00)	Not suitable for a ported cannula	(1.80)	(1.79)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	Not suitable for a ported cannula	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
The strip can be easily written on with a black pen	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)	(2.33)
Once the Dressing has been applied are there any indications/ aids to removal? (i.e. an edge, a tab, direction arrow)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	Not suitable for a ported cannula	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	N/A	N/A	N/A	N/A	N/A	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	(2.50)	(2.60)	(2.60)	(2.33)	(2.50)	(2.50)	(2.33)	(2.33)	(2.33)	Not suitable for a ported cannula	(2.40)	(2.40)
Moisture Vapour Transmission rate (g/m²/24hrs)	4102 (SD 341)	4102 (SD 341)	4102 (SD 341)	790 (SD 76)	790 (SD 76)	790 (SD 76)	790 (SD 76)	790 (SD 76)	790 (SD 76)	3270 (SD 137)	3270 (SD 137)	3270 (SD 137)
Conformability = mean inflation pressure (mmHg)	160.5 (SD 6)	160.5 (SD 6)	160.5 (SD 6)	146.2 (SD 5)	146.2 (SD 5)	146.2 (SD 5)	146.2 (SD 5)	146.2 (SD 5)	146.2 (SD 5)	72.2 (SD 1)	72.2 (SD 1)	72.2 (SD 1)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

** Maximum number of stars attainable 2

VYGON (UK) LTD

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS	
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	**ELW561 (Dermafilm IV)**
NHSSC BASE DESCRIPTION	**DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE**
NHSSC SECONDARY DESCRIPTION	**6.5CM X 9CM PORTED CANNULA**
CANNULA STYLE	**PORTED**
MPC	**3809.81**
WEAR TIME as stated by manufacturer	**NOT STATED**
ADHESIVE/FILM PROPERTIES	**NOT STATED**
CLINICAL CRITERIA	**Scores**
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★½☆ (1.33)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★½☆ (1.67)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)
Ease of opening and preparing dressing maintaining product sterility	★½☆ (1.33)
Ease and clarity of dressing application order	☆☆☆ (0.67)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	☆☆☆ (0.83)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	☆☆☆ (0.67)
Visibility of the cannula insertion site	★★ **
Does the dressing have an integral strip to record insertion date and time?	✗
The strip can be easily written on with a black pen	N/A
Once the Dressing has been applied are there any indications/aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **
Securement strips remain in situ during the removal of the dressing	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★½☆ (1.60)
Moisture Vapour Transmission rate (g/m²/24hrs)	**952 (SD 29)**
Conformability = mean inflation pressure (mmHg)	**58.1 (SD 4)**
The product can be safely disposed of in the clinical environment	✓

** Maximum number of stars attainable 2

IV FILM DRESSINGS on PORTED CANNULA (Page 1 of 2)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS	3M UNITED KINGDOM PLC				365 HEALTHCARE			AQUILANT SURGICAL (SMITH & NEPHEW)			BSN MEDICAL LTD	
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW334 (Tegaderm IV)	ELW056 (Tegaderm IV)	ELW071 (Tegaderm IV)	ELW399 (Tegaderm)	ELW555 (365 Healthcare)	ELW541 (365 Healthcare)	ELW881 (365 IV Film)	ELW046 (IV3000)	ELW039 (IV3000)	ELW037 (IV3000)	ELW332 (Leukomed IV)	ELW360 (Leukomed IV)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	PERIPHERAL IV ADVANCED SECUREMENT DRESSING 7CM X 8CM	7 X8.5CM PERIPHERAL LINE FOR CANNULA	6 X 7CM PORTED CANNULA	6CM X 7CM	7CM X 8.5CM PERIPHERAL LINE DRESSING FOR CANNULA FIXATION	7CM X 9CM	6CM X 7 CM	7CM X 9CM Two handed application (Please note this product states PORTED on the packaging)	6CM X8.5CM	6CM X 8CM PORTED CANNULA	6CM X 8CM	7cm x 9cm
CANNULA STYLE	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED
MPC	1681R	1633	1623W	1684	36590046	36590018	36590047	4006	4924	4923	72390-00	72390-05
WEAR TIME as stated by manufacturer	up to 7 days	up to 7 days	up to 7 days	not available	not stated	not stated	not stated	not stated	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	Polyurethane with acrylate adhesive	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/Silicone. Adhesive: Acrylate	thin film backing, hypoallergenic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	REACTIC™	REACTIC™	REACTIC™	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.14)	★★☆ (2.00)	★★☆ (2.14)	★★½ (2.29)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
There are clear instructions for use and product information within the packaging	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★★☆ (2.14)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.57)	★★☆ (1.29)	★☆☆ (1.00)	★★☆ (1.86)	★★☆ (1.71)	★★☆ (1.71)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet contains clear instructions for application of the dressing	★★½ (2.25)	★★☆ (2.19)	★★☆ (2.19)	★★☆ (2.00)	☆☆☆ (0.00)	★☆☆ (1.00)	☆☆☆ (0.00)	★★½ (2.50)	★★½ (2.50)	★★½ (2.50)	★★☆ (2.00)	★★☆ (2.17)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.86)	★★☆ (2.00)	★★☆ (1.92)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★½ (2.32)	★★☆ (2.00)	★★☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.14)	★★☆ (1.29)	★★☆ (1.29)	★★☆ (1.33)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★½ (2.38)	★★½ (2.33)	★★☆ (1.89)	★★☆ (2.19)	★★½ (2.29)	★★☆ (1.71)	★★½ (2.30)	★★½ (2.29)	★☆☆ (1.00)	★★☆ (1.29)	★★☆ (1.86)	★★☆ (2.00)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	★★½ (2.57)	★★½ (2.33)	N/A	N/A	★★☆ (1.83)	★★☆ (1.25)	N/A	★★☆ (1.91)	N/A	N/A	★★☆ (1.39)	★★☆ (1.50)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★½ (2.50)	★★☆ (2.14)	★★☆ (2.00)	Not suitable for a ported cannula	★★☆ (1.86)	★★☆ (1.71)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.00)	★★☆ (1.27)	★★☆ (1.71)	★★☆ (1.83)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	Not suitable for a ported cannula	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
The strip can be easily written on with a black pen	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.22)	N/A	N/A	★★½ (1.50)	★★½ (1.50)
Once the Dressing has been applied are there any indications/ aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	Not suitable for a ported cannula	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	N/A	N/A	★★ **	★★ **	N/A	★★ **	N/A	N/A	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★½ (2.50)	★★½ (2.33)	★★½ (2.33)	Not suitable for a ported cannula	★★☆ (2.00)	★★☆ (1.86)	★★☆ (2.00)	★★½ (2.29)	★★☆ (2.00)	★★☆ (1.86)	★★☆ (2.00)	★★☆ (2.00)
Moisture Vapour Transmission rate (g/m²/24hrs)	4102 (SD 341)	790 (SD 76)	790 (SD 76)	3270 (SD 137)	1408 (SD 122)	not available at time of report publication	not available at time of report publication	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)	828 (SD 60)	828 (SD 60)
Conformability = mean inflation pressure (mmHg)	160.5 (SD 6)	146.2 (SD 5)	146.2 (SD 5)	72.2 (SD 1)	194.3 (SD 5)	not available at time of report publication	not available at time of report publication	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)	125.6 (SD 3)	125.6 (SD 3)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

** Maximum number of stars attainable 2

IV FILM DRESSINGS on PORTED CANNULA (Page 2 of 2)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS	CLINISUPPLIES LTD	L & R MEDICAL UK (Formerly – ACTIVA HEALTHCARE)	MEDICAL SOLUTIONS – MED+S	MOLNLYCKE HEALTHCARE LTD	PAUL HARTMANN LTD	RICHARDSON HEALTHCARE LTD			SHERMOND (DIV BUNZL RETAIL & HEALTHCARE SUPPLIES LTD)	VYGON (UK) LTD
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	Cliniclear	EIJ317 (Curafix IV Control)	Protectfilm	ELW225 (Molnlycke Mepore IV)	ELW333 (Hydrofilm IV Control)	ELW650 (ClearFilm IV)	ELW651 (ClearFilm IV)	ELW852 (ClearFilm IV PRO)	ELW732 (Premierfilm)	ELW561 (Dermafilm IV)
NHSSC BASE DESCRIPTION	Dressing IV Vapour-Permeable Adhesive Film Sterile	DRESSING IV FIXATION DEVICE VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	6cm x 7cm (tolerance+/- 5%) (BASICLINE)	9CM X 6CM		8CM X 9CM	9CM X 7CM	7CM X 9CM	6CM X 7CM	7CM X 9CM	7CM X 8.5CM	6.5CM X 9CM PORTED CANNULA
CANNULA STYLE	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED	PORTED
MPC	D-FM6X7AF/B	30200	1320040709M	274200	685741	816060	816040	816000	5440	3809.81
WEAR TIME as stated by manufacturer	not available at time of report publication	not stated	7 days to a maximum of 14 days	not stated	maximum of 4 days	not stated	not stated	not stated	not stated	NOT STATED
ADHESIVE/FILM PROPERTIES	not available at time of report publication	Polyacrylate adhesive	Polyacrylates	polyurethane film coated with polyacrylic adhesive	Polyurethane film	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Polyurethane coated with polyacrylic adhesive	NOT STATED
CLINICAL CRITERIA	Scores	Score	Score	Score	Score	Score	Score	Score	Score	Scores
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.00)	★★☆ (1.83)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★½ (2.33)	★½☆ (1.33)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★★½ (2.50)	★☆☆ (1.00)	★★★ (2.83)	★★★ (2.83)	★★★ (2.83)	★★½ (2.33)	★☆☆ (1.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★☆☆ (1.00)	★½☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★☆ (2.17)	★½☆ (1.67)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	☆☆☆ (0.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.00)	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)	☆☆☆ (0.00)	★☆☆ (1.00)	★★½ (2.33)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	★★½ (2.67)	☆☆☆ (0.00)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	☆☆☆ (0.56)	★★☆ (1.83)	★½☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★½☆ (1.33)
Ease and clarity of dressing application order	★½☆ (1.70)	★½☆ (1.50)	☆☆☆ (0.11)	★½☆ (1.33)	★☆☆ (1.17)	★½☆ (1.67)	★★☆ (1.83)	★★☆ (1.78)	★★½ (2.39)	☆☆☆ (0.67)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★☆ (2.00)	★½☆ (1.67)	☆☆☆ (0.33)	★★☆ (1.83)	★½☆ (1.50)	★★☆ (2.17)	★★☆ (2.00)	★★☆ (2.17)	★★½ (2.39)	☆☆☆ (0.83)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A	N/A	N/A	★★☆ (2.17)	N/A	★★☆ (2.00)	★★½ (2.33)	N/A
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	Not suitable for a ported cannula	★☆☆ (1.17)	☆☆☆ (0.44)	★★☆ (1.83)	★☆☆ (1.17)	★★☆ (1.83)	★½☆ (1.50)	★★½ (2.50)	★★½ (2.33)	☆☆☆ (0.67)
Visibility of the cannula insertion site	Not suitable for a ported cannula	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✗	✓	✗	✗	✓	✓	✓	✓	✗
The strip can be easily written on with a black pen	★★ **	N/A	★★☆ (1.75)	N/A	N/A	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.22)	N/A
Once the Dressing has been applied are there any indications/ aids to removal? (i.e. an edge, a tab, direction arrow)	Not suitable for a ported cannula	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	Not suitable for a ported cannula	★★ **	☆☆ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A	N/A	N/A	★★ **	N/A	★★ **	★★ **	N/A
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	not assessed	★★☆ (1.83)	not assessed	★★☆ (2.00)	★½☆ (1.67)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)	★½☆ (1.60)
Moisture Vapour Transmission rate (g/m²/24hrs)	**not available at time of report publication**	**866 (SD 35)**	**3000**	**1427 (SD 230)**	**1822 (SD 61)**	**847 (SD 73)**	**847 (SD 73)**	**1739 (SD 169)**	**1019 (SD 50)**	**952 (SD 29)**
Conformability = mean inflation pressure (mmHg)	**not available at time of report publication**	**169.1 (SD 6)**	**not available at time of testing**	**189 (SD 5)**	**202.9 (SD 5)**	**196.5 (SD 6)**	**196.5 (SD 6)**	**177.9 (SD 13)**	**139.1 (SD 6)**	**58.1 (SD 4)**
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓ states that packaging can be recycled	✓

** Maximum number of stars attainable 2

IV FILM DRESSINGS on STRAIGHT WINGED CANNULA (Page 1 of 2)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS	3M UNITED KINGDOM PLC				365 HEALTHCARE		AQUILANT SURGICAL (SMITH & NEPHEW)		BSN MEDICAL LTD	
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW334 (Tegaderm IV)	ELW056 (Tegaderm IV)	ELW071 (Tegaderm IV)	ELW399 (Tegaderm)	ELW555 (365 Healthcare)	ELW881 (365 IV Film)	ELW039 (IV3000)	ELW032 (IV3000)	ELW332 (Leukomed IV)	ELW360 (Leukomed IV)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	PERIPHERAL IV ADVANCED SECUREMENT DRESSING 7CM X 8CM	7 X8.5CM PERIPHERAL LINE FOR CANNULA	6 X 7CM PORTED CANNULA	6CM X 7CM	7CM X 8.5CM PERIPHERAL LINE DRESSING FOR CANNULA FIXATION	6CM X 7 CM	6CM X8.5CM	6CM X 7CM NON WINGED PERIPHERAL CATHETER SINGLE HANDED APPLICATION	6CM X 8CM	7cm x 9cm
CANNULA STYLE	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED
MPC	1681R	1633	1623W	1684	36590046	36590047	4924	4007	72390-00	72390-05
WEAR TIME as stated by manufacturer	up to 7 days	up to 7 days	up to 7 days	not available	not stated	not stated	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	Polyurethane with acrylate adhesive	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/Silicone. Adhesive: Acrylate	thin film backing, hypoallergenic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	REACTIC™	REACTIC™	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.00)	★★½ (2.29)	★★☆ (2.00)	★★☆ (2.00)
There are clear instructions for use and product information within the packaging	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★☆☆ (1.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.14)	★★☆ (2.00)	★★☆ (2.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.57)	★☆☆ (1.00)	★½☆ (1.71)	★★☆ (1.86)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (2.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet contains clear instructions for application of the dressing	★★½ (2.25)	★★☆ (2.19)	★★☆ (2.19)	★★☆ (2.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	★★½ (2.50)	★★½ (2.50)	★★☆ (2.00)	★★☆ (2.17)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★½ (2.32)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.14)	★★☆ (2.07)	★½☆ (1.29)	★½☆ (1.33)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★½ (2.38)	★★½ (2.33)	★★☆ (1.89)	★★☆ (2.19)	★★½ (2.29)	★★½ (2.30)	★☆☆ (1.00)	★★☆ (2.14)	★★☆ (1.86)	★★☆ (2.00)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	★★½ (2.57)	★★½ (2.33)	N/A	N/A	★★☆ (1.83)	N/A	N/A	★★☆ (1.79)	★½☆ (1.39)	★½☆ (1.50)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★★ (2.80)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.80)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.18)	★½☆ (1.50)	★★☆ (2.00)	★★☆ (2.00)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
The strip can be easily written on with a black pen	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★☆ (2.14)	★★☆ (2.14)	N/A	★★☆ (2.22)	★½☆ (1.50)	★½☆ (1.50)
Once the Dressing has been applied are there any indications/ aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	N/A	N/A	★★ **	N/A	N/A	★★ **	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★½ (2.60)	★★½ (2.50)	★★½ (2.33)	★★½ (2.40)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.86)	★★½ (2.29)	★★☆ (2.00)	★★☆ (2.00)
Moisture Vapour Transmission rate (g/m²/24hrs)	4102 (SD 341)	790 (SD 76)	790 (SD 76)	3270 (SD 137)	1408 (SD 122)	not available at time of report publication	19000 (SD 2868)	19000 (SD 2868)	828 (SD 60)	828 (SD 60)
Conformability = mean inflation pressure (mmHg)	160.5 (SD 6)	146.2 (SD 5)	146.2 (SD 5)	72.2 (SD 1)	194.3 (SD 5)	not available at time of report publication	130.5 (SD 8)	130.5 (SD 8)	125.6 (SD 3)	125.6 (SD 3)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

** Maximum number of stars attainable 2

IV FILM DRESSINGS on STRAIGHT WINGED CANNULA (Page 2 of 2)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS	CLINISUPPLIES LTD	L & R MEDICAL UK (Formerly – ACTIVA HEALTHCARE)	MEDICAL SOLUTIONS – MED+S	MOLNLYCKE HEALTHCARE LTD	PAUL HARTMANN LTD	RICHARDSON HEALTHCARE LTD			SHERMOND (DIV BUNZL RETAIL & HEALTHCARE SUPPLIES LTD)
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	Cliniclear	EIJ317 (Curafix IV Control)	Protectfilm	ELW225 (Molnlycke Mepore IV)	ELW333 (Hydrofilm IV Control)	ELW650 (ClearFilm IV)	ELW651 (ClearFilm IV)	ELW852 (ClearFilm IV PRO)	ELW732 (Premierfilm)
NHSSC BASE DESCRIPTION	Dressing IV Vapour-Permeable Adhesive Film Sterile	DRESSING IV FIXATION DEVICE VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	6cm x 7cm (tolerance +/- 5%) (BASICLINE)	9CM X 6CM		8CM X 9CM	9CM X 7CM	7CM X 9CM	6CM X 7CM	7CM X 9CM	7CM X 8.5CM
CANNULA STYLE	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED	STRAIGHT WINGED
MPC	D-FM6X7AF/B	30200	1320040709M	274200	685741	816060	816040	816000	5440
WEAR TIME as stated by manufacturer	not available at time of report publication	not stated	7 days to a maximum of 14 days	not stated	maximum of 4 days	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	not available at time of report publication	Polyacrylate adhesive	Polyacrylates	polyurethane film coated with polyacrylic adhesive	Polyurethane film	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Polyurethane coated with polyacrylic adhesive
CLINICAL CRITERIA	Scores	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.00)	★★☆ (1.83)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★½ (2.33)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★★½ (2.50)	★☆☆ (1.00)	★★★ (2.83)	★★★ (2.83)	★★★ (2.83)	★★½ (2.33)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★☆☆ (1.00)	★½☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★☆ (2.17)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	☆☆☆ (0.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)	☆☆☆ (0.00)	★☆☆ (1.00)	★★½ (2.33)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	★★½ (2.67)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	☆☆☆ (0.56)	★★☆ (1.83)	★½☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★½☆ (1.70)	★½☆ (1.50)	☆☆☆ (0.11)	★½☆ (1.33)	★☆☆ (1.17)	★½☆ (1.67)	★★☆ (1.83)	★★☆ (1.78)	★★½ (2.39)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★☆ (2.00)	★½☆ (1.67)	☆☆☆ (0.33)	★★☆ (1.83)	★½☆ (1.50)	★★☆ (2.17)	★★☆ (2.00)	★★☆ (2.17)	★★½ (2.39)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A	N/A	N/A	★★☆ (2.17)	N/A	★★☆ (2.00)	★★½ (2.33)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★☆ (1.75)	★☆☆ (1.00)	☆☆☆ (0.44)	★★☆ (1.83)	★☆☆ (1.17)	★★☆ (1.83)	★½☆ (1.67)	★★½ (2.50)	★★½ (2.33)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✗	✓	✗	✗	✓	✓	✓	✓
The strip can be easily written on with a black pen	★★ **	N/A	★★☆ (1.75)	N/A	N/A	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.22)
Once the Dressing has been applied are there any indications/ aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	☆☆ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A	N/A	N/A	★★ **	N/A	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	not assessed	★★☆ (1.83)	not assessed	★★☆ (2.00)	★½☆ (1.67)	★½☆ (1.67)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)
Moisture Vapour Transmission rate ($g/m^2/24hrs$)	not available at time of report publication	866 (SD 35)	3000	1427 (SD 230)	1822 (SD 61)	847 (SD 73)	847 (SD 73)	1739 (SD 169)	1019 (SD 50)
Conformability = mean inflation pressure (mmHg)	not available at time of report publication	169.1 (SD 6)	not available at time of testing	189 (SD 5)	202.9 (SD 5)	196.5 (SD 6)	196.5 (SD 6)	177.9 (SD 13)	139.1 (SD 6)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓ states that packaging can be recycled

** Maximum number of stars attainable 2

IV FILM DRESSINGS on STRAIGHT NON WINGED CANNULA (Page 1 of 2)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS	3M UNITED KINGDOM PLC				365 HEALTHCARE		AQUILANT SURGICAL (SMITH & NEPHEW)			BSN MEDICAL LTD	
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	ELW334 (Tegaderm IV)	ELW056 (Tegaderm IV)	ELW071 (Tegaderm IV)	ELW399 (Tegaderm)	ELW555 (365 Healthcare)	ELW881 (365 IV Film)	ELW039 (IV3000)	ELW032 (IV3000)	ELW105 (IV 3000)	ELW332 (Leukomed IV)	ELW360 (Leukomed IV)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	PERIPHERAL IV ADVANCED SECUREMENT DRESSING 7CM X 8CM	7 X8.5CM PERIPHERAL LINE FOR CANNULA	6 X 7CM PORTED CANNULA	6CM X 7CM	7CM X 8.5CM PERIPHERAL LINE DRESSING FOR CANNULA FIXATION	6CM X 7 CM	6CM X8.5CM	6CM X 7CM NON WINGED PERIPHERAL CATHETER SINGLE HANDED APPLICATION	6CM X 7CM NON WINGED PERIPHERAL CANNULA WITH FRAME DELIVERY	6CM X 8CM	7cm x 9cm
CANNULA STYLE	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON-WINGED	STRAIGHT NON-WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED
MPC	1681R	1633	1623W	1684	36590046	36590047	4924	4007	59410082	72390-00	72390-05
WEAR TIME as stated by manufacturer	up to 7 days	up to 7 days	up to 7 days	not available	not stated	not stated	not stated	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	Polyurethane with acrylate adhesive	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/Silicone. Adhesive: Acrylate	Backing: Polyurethane, low adhesion backsizing-layer on top of film: Polyurethane/Silicone. Adhesive: Acrylate	thin film backing, hypoallergenic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	Semi-permeable polyurethane film membrane coated with hypoallergenic acrylic adhesive	REACTIC™	REACTIC™	REACTIC™	Polyacrylate pressure sensitive adhesive	Polyacrylate pressure sensitive adhesive
CLINICAL CRITERIA	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.00)	★★½ (2.29)	★★½ (2.29)	★★☆ (2.00)	★★☆ (2.00)
There are clear instructions for use and product information within the packaging	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★☆☆ (1.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.14)	★★☆ (2.14)	★★☆ (2.00)	★★☆ (2.00)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.00)	★★☆ (2.00)	★½☆ (1.57)	★☆☆ (1.00)	★½☆ (1.71)	★★☆ (1.86)	★★☆ (1.86)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (1.83)	★★☆ (2.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)
The individual dressing packet contains clear instructions for application of the dressing	★★½ (2.25)	★★☆ (2.19)	★★☆ (2.19)	★★☆ (2.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	★★½ (2.50)	★★½ (2.50)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★½ (2.32)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.14)	★★☆ (2.07)	★★☆ (1.86)	★½☆ (1.29)	★½☆ (1.33)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★½ (2.38)	★★½ (2.33)	★★☆ (1.89)	★★☆ (2.19)	★★½ (2.29)	★★½ (2.30)	★☆☆ (1.00)	★★☆ (2.14)	★½☆ (1.71)	★★☆ (1.86)	★★☆ (2.00)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	★★½ (2.57)	★★½ (2.33)	N/A	N/A	★★☆ (1.83)	N/A	N/A	★★☆ (1.79)	★★☆ (2.00)	★½☆ (1.39)	★½☆ (1.50)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★★ (2.80)	★★½ (2.40)	★★☆ (2.00)	★½☆ (1.79)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.18)	★½☆ (1.43)	★½☆ (1.71)	★★☆ (2.00)	★★☆ (2.00)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
The strip can be easily written on with a black pen	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★☆ (2.14)	★★☆ (2.14)	N/A	★★☆ (2.22)	★★☆ (2.22)	★½☆ (1.50)	★½☆ (1.50)
Once the Dressing has been applied are there any indications/ aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	★★ **	★★ **	N/A	N/A	★★ **	N/A	N/A	★★ **	★★ **	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	★★½ (2.60)	★★½ (2.50)	★★½ (2.33)	★★½ (2.40)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (2.00)
Moisture Vapour Transmission rate (g/m²/24hrs)	4102 (SD 341)	790 (SD 76)	790 (SD 76)	3270 (SD 137)	1408 (SD 122)	not available at time of report publication	19000 (SD 2868)	19000 (SD 2868)	19000 (SD 2868)	828 (SD 60)	828 (SD 60)
Conformability = mean inflation pressure (mmHg)	160.5 (SD 6)	146.2 (SD 5)	146.2 (SD 5)	72.2 (SD 1)	194.3 (SD 5)	not available at time of report publication	130.5 (SD 8)	130.5 (SD 8)	130.5 (SD 8)	125.6 (SD 3)	125.6 (SD 3)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

** Maximum number of stars attainable 2

IV FILM DRESSINGS on STRAIGHT NON WINGED CANNULA (Page 2 of 2)

INTRAVENOUS VAPOUR PERMEABLE FILM DRESSINGS IV FILMS – PART ONE SECURING PERIPHERAL CANNULAE IN ADULTS	CLINISUPPLIES LTD	L & R MEDICAL UK (Formerly – ACTIVA HEALTHCARE)	MEDICAL SOLUTIONS – MED+S	MOLNLYCKE HEALTHCARE LTD	PAUL HARTMANN LTD	RICHARDSON HEALTHCARE LTD			SHERMOND (DIV BUNZL RETAIL & HEALTHCARE SUPPLIES LTD)
NHS SUPPLY CHAIN (NHSSC) NPC & BRAND NAME	Cliniclear	EIJ317 (Curafix IV Control)	Protectfilm	ELW225 (Molnlycke Mepore IV)	ELW333 (Hydrofilm IV Control)	ELW650 (ClearFilm IV)	ELW651 (ClearFilm IV)	ELW852 (ClearFilm IV PRO)	ELW732 (Premierfilm)
NHSSC BASE DESCRIPTION	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV FIXATION DEVICE VAPOUR PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE	DRESSING IV VAPOUR-PERMEABLE ADHESIVE FILM STERILE
NHSSC SECONDARY DESCRIPTION	6cm x 7cm (tolerance +/- 5%) (BASICLINE)	9CM X 6CM		8CM X 9CM	9CM X 7CM	7CM X 9CM	6CM X 7CM	7CM X 9CM	7CM X 8.5CM
CANNULA STYLE	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED	STRAIGHT NON WINGED
MPC	D-FM6X7AF/B	30200	1320040709M	274200	685741	816060	816040	816000	5440
WEAR TIME as stated by manufacturer	not available at time of report publication	not stated	7 days to a maximum of 14 days	not stated	maximum of 4 days	not stated	not stated	not stated	not stated
ADHESIVE/FILM PROPERTIES	not available at time of report publication	Polyacrylate adhesive	Polyacrylates	polyurethane film coated with polyacrylic adhesive	Polyurethane film	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Thin film coated with layer of hypoallergenic adhesive	Polyurethane coated with polyacrylic adhesive
CLINICAL CRITERIA	Scores	Score	Score	Score	Score	Score	Score	Score	Score
The packaging description, correct use and size is easy to identify. All necessary detail such as Lot Number and Manufacturer are also easy to find	★★☆ (2.00)	★★☆ (1.83)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★½ (2.33)
There are clear instructions for use and product information within the packaging	★☆☆ (1.00)	★☆☆ (1.00)	★☆☆ (1.00)	★★½ (2.50)	★☆☆ (1.00)	★★★ (2.83)	★★★ (2.83)	★★★ (2.83)	★★½ (2.33)
The intended use, reorder details, size, lot number and expiry date is simple to identify on the individual dressing wrapper	★☆☆ (1.00)	★★☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★½ (2.33)	★★½ (2.33)	★★½ (2.33)	★★☆ (2.17)
The individual dressing packet is clear on at least one side allowing easy visualisation of the dressing without the need to open the packaging	☆☆☆ (0.00)	★☆☆ (1.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★☆☆ (1.00)
The individual dressing packet contains clear instructions for application of the dressing	☆☆☆ (0.00)	☆☆☆ (0.00)	★☆☆ (1.00)	★★½ (2.33)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	★★½ (2.67)
Ease of opening and preparing dressing maintaining product sterility	★★☆ (2.00)	★★☆ (2.00)	☆☆☆ (0.56)	★★☆ (1.83)	★★☆ (1.67)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)	★★☆ (2.00)
Ease and clarity of dressing application order	★★☆ (1.70)	★★☆ (1.50)	☆☆☆ (0.11)	★★☆ (1.33)	★☆☆ (1.17)	★★☆ (1.67)	★★☆ (1.83)	★★☆ (1.78)	★★½ (2.39)
The clinician must be able to remove the backing papers whilst wearing gloves without the dressing 'sticking' to itself	★★☆ (2.00)	★★☆ (1.67)	☆☆☆ (0.33)	★★☆ (1.83)	★★☆ (1.50)	★★☆ (2.17)	★★☆ (2.00)	★★☆ (2.17)	★★½ (2.39)
Ease of removing securing strips from backing paper (where present) whilst wearing gloves	N/A	N/A	N/A	N/A	N/A	★★☆ (2.17)	N/A	★★☆ (2.00)	★★½ (2.33)
Ease with which dressing could be applied over the cannula insertion site – securing the cannula device	★★☆ (1.80)	★☆☆ (1.00)	☆☆☆ (0.44)	★★☆ (1.83)	★☆☆ (1.17)	★★☆ (1.83)	★★☆ (1.67)	★★½ (2.50)	★★½ (2.40)
Visibility of the cannula insertion site	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Does the dressing have an integral strip to record insertion date and time?	✓	✗	✓	✗	✗	✓	✓	✓	✓
The strip can be easily written on with a black pen	★★ **	N/A	★★☆ (1.75)	N/A	N/A	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.17)	★★☆ (2.22)
Once the Dressing has been applied are there any indications/ aids to removal? (i.e. an edge, a tab, direction arrow)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)	☆☆☆ (0.00)
Cannula remains in situ during the removal of the dressing	★★ **	★★ **	☆☆ **	★★ **	★★ **	★★ **	★★ **	★★ **	★★ **
Securement strips remain in situ during the removal of the dressing	N/A	N/A	N/A	N/A	N/A	★★ **	N/A	★★ **	★★ **
Ease of removing the dressing, the patient should consider the procedure to be atraumatic and pain free and their skin under the dressing is of a similar condition to the surrounding skin.	not assessed	★★☆ (1.83)	not assessed	★★☆ (2.00)	★★☆ (1.67)	★★☆ (1.83)	★★☆ (2.00)	★★☆ (1.83)	★★☆ (2.00)
Moisture Vapour Transmission rate (g/m²/24hrs)	not available at time of report publication	866 (SD 35)	3000	1427 (SD 230)	1822 (SD 61)	847 (SD 73)	847 (SD 73)	1739 (SD 169)	1019 (SD 50)
Conformability = mean inflation pressure (mmHg)	not available at time of report publication	169.1 (SD 6)	not available at time of testing	189 (SD 5)	202.9 (SD 5)	196.5 (SD 6)	196.5 (SD 6)	177.9 (SD 13)	139.1 (SD 6)
The product can be safely disposed of in the clinical environment	✓	✓	✓	✓	✓	✓	✓	✓	✓ states that packaging can be recycled

** Maximum number of stars attainable 2

6. Using the Product Assessment Results Matrix

The clinical criteria displayed are designed to capture key clinical elements that health professionals may wish to consider when reviewing/selecting products for their own clinical practice. The report is intended as a guidance tool to aid product selection and is not intended to be a universal determination of the clinical effectiveness of any particular product. Each clinical practitioner should therefore make their own assessments taking into account all relevant considerations for their particular situation.

Not all clinical criteria cited in the report will be relevant or important in all environments; likewise not all clinical criteria will be relevant or important for all patient groups.

Clinicians may identify the criteria that most represent their clinical environment and patient demographic, and may choose to build their own hierarchy of importance to aid product(s) selection for patient outcome goals using the matrix presented in this report, their own clinical knowledge, as well as any other resources (including publications) to provide informed choice and transparency of their decision for product(s) being used.

It should also be noted that following initial feedback from suppliers on the original clinical criteria the question addressing the presence of a date and time strip and the ability to write on it has now been split into 2 separate criteria.

7. Further Considerations and Recommendations

7.1 Future recommendations

7.1.1. Packaging

- Observations:
  - The location of written and pictorial instructions varied and included being printed on the box, in leaflet form, on the dressing packet or on the dressing backing paper.
  - On several dressings the instructions on the packet or on the backing paper did not relate to the dressing being applied.
  - Application instructions on the box or in leaflet form were felt to be unhelpful as these products are often decanted from the original box in the clinical environment.
- Recommendations:
  - Instructions must relate to the dressing being applied.
  - Instructions should be on the packet or
  - The dressing presented in a way that was intuitive to the clinical user.

7.1.2. Opening

- Observations
    - The dressings could not be seen through the dressing packets
    - Several dressing packets were not able to be opened aseptically and this resulted in wastage
    - Some materials used in the outer wrapper produced static and the dressings ‘stuck’ to the outer wrapper, preventing the dressing from being able to be removed from the wrapper aseptically.
- Recommendations
    - Clinician’s prefer to be able to see through at least one side of the individual packaging without having to open the product, therefore one side is recommended to be transparent.
    - All dressing packets must open to allow the clinician to adhere to the principles of Aseptic Non-Touch Technique™ (ANTT™),

7.1.3. Clinical Use

- Observations:
    - Some suppliers specify which types of cannulae their dressings are best suited to whilst others lead the clinician to believe that their dressing will secure all three types of cannula. Issues were identified by the evaluators in the securement of cannulae to ensure the insertion site was protected.
    - Some of the ‘flat film’ dressings were observed on application to secure the cannula, but created a tunnel effect with the risk that the entry site may not be protected from bacterial ingress.
    - Securement strips are used for a variety of purposes. On some dressings, despite the presence of the strips some clinicians failed to identify them or were unable to easily remove them from the dressing backing whilst wearing gloves. Securement strips were felt to be important by 75% of the clinicians that we engaged with, but some dressings did not have securement strips.
    - Some dressings did not have a date and time strip and in some cases though present evaluators struggled to identify it.
    - Some dressings you were unable to differentiate between the securement strips and date strips
    - Some date and time strips also included an option to add the patient name which is not necessary and the addition of this limited the space for date and time
    - To aid removal of the dressing, clinicians asked that the dressing should provide some form of indication or feature that would aid removal whilst wearing gloves. No dressing had features to aid removal
- Recommendations
    - Outer box should identify the types of cannulae a dressing can be used for and the instructions should include differing application methods.
    - All dressings should include securement strips and they must be easily identifiable and removed from the dressing backing using gloves
    - All dressings should include a date and time strip which is easily identifiable and removed from the dressing backing using gloves. The strip must be easy to write on clearly using a black pen.

- All dressings should include an indication, which should be easily identifiable to aid product removal, such as an edge, an arrow or a tab

7.1.4. Disposal

- No recommendations identified from the evaluations

7.2 Barcodes

The CET is aware of the Scan4Safety project and is aligned with the ambitions of the programme, which will deliver significant benefits in terms of patient safety and efficiency, to the NHS. The adoption of standards, driven by Scan4Safety, enables patient, product and location identification and traceability from the supply chain to the patient.

Adoption of these standards has also been shown to improve the quality of care by minimising the risk of human error.

The CET will be considering the inclusion of an evaluation criteria relating to the presence of GS1 compliant barcodes in future reports, as following our clinical conversations we have seen clinical staff asking for it to be included, but further information will be issued by the CET on this to stakeholders in advance.

8. Disclaimer

Reports published by the NHS Clinical Evaluation Team represent general guidance and the team's opinions on products are based on the clinical evaluations undertaken, using the information and clinical criteria generated from extensive stakeholder engagement in line with the team's requirements and evaluation pathway. Reports will be reviewed and updated at the team's discretion as deemed appropriate to reflect any changes.

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Reports are accurate at the time of publication, any recommendations or best practice guidance should be checked for updates.

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- Members of the Infection Prevention Society IV nurse forum
- Members of the Clinical Procurement Specialist Network

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'Quality, safety and value are at the heart of our work and it's important that we use our clinical experience to deliver high standards of care while reducing cost and waste in the NHS.'

NHS Clinical Evaluation Team
by the NHS, for the NHS

Mandie Sunderland
Chair, Clinical Reference Board
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