



The Near Patient Sharps Disposal System™

***Delivering cash releasing savings
and improved outcomes***





Protecting patients, users and
healthcare providers

Frontier Medical Group comprises three medical product manufacturers within one medical device company providing consumable products and services to major international healthcare providers.

Sharpsafe® is the world's first purpose designed disposable plastic sharps container. More Sharpsafe® are used across Europe than any other sharps container.

Safe-Point® the worlds first automated dental needle remover with an integrated UN approved disposable sharps container; designed by a Dentist for Dental Practitioners.

Exchange™ the UK's leading supplier of bespoke needle exchange packs and paraphernalia supplied to harm reduction services.

Repose® comprises a range of pressure area care devices which have been used in the successful treatment of more than 1 million patients. More persons are currently treated on Repose® than any other pressure redistribution mattress in the UK.

Frontier Medical Group products are in use in more than 30 countries worldwide.

For more information please visit the Frontier Medical Group website www.frontiermedical.eu



Welcome



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Nothing gets
closer than

NPSD™



Designed to protect

Some reasons why Sharpsafe® is Europe's favourite sharps disposal container

Innovative products and services

More Sharpsafe® are consumed in the UK and continental Europe than any other sharps container.

The Sharpsafe® container opposite has more in-built safety features than any other disposable sharps container.

Sharpsafe® comprises a comprehensive range of containers, extending from 0.2 Litre through to 30 Litre and includes a protected access range and the only UN 1851 approved leak-proof container in the UK.

The range is complemented by an extensive range of accessories including the unique Near Patient Sharps Disposal™ (NPSD™) Tray and Trolley system, brackets and a range of community specimen transport bags designed for community healthcare workers in accordance with UN3373.

This new range is further complemented by a series of education and training support services and material.

Highest quality standards

The Sharpsafe® range is unparalleled in conformity to the most stringent of quality standards. Sharpsafe® is developed and manufactured under BS EN ISO 9001:2000 and BS EN ISO 14001 for environmental management systems.

Frontier Medical were also the first manufacturer to be awarded the NF mark in respect of French Standard NF-X-30-500, the most rigorous European standard in terms of resistance to penetration and impact.

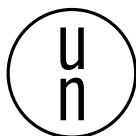
Needle Exchange - Harm reduction products

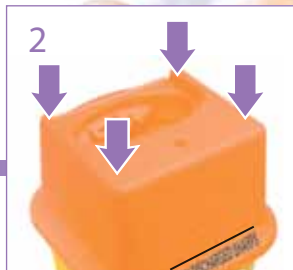
Frontier Medical is the leading supplier of harm reduction packs and paraphernalia to Health Service Drug and Alcohol Action Teams.

Bespoke packs contain exchange paraphernalia together with a range of harm reduction support tools, including bespoke harm reduction messages included on the Sharpsafe® container in-mould label.



BS 7320 : 1990
KM15072





Product Features

1 LINE and LABEL

Aligning the fill line on the lid with the label on the container ensures the internal safety flap inside the lid operates efficiently.

2 Simple FOUR CLICK assembly

An audible click confirms the lid and base are assembled easily, correctly and securely.

3 Translucent lids

A unique safety feature which indicates when the contents reach the fill line, without having to open or look into the aperture.

4 Clear segregation SIGNPOSTING

✓ Waste type printed on the lid to assist with easier and safer segregation of sharps waste.

5 Large aperture with internal safety flap

The large aperture with keyhole features ensures safe and easy disposal of sharps.

6 Temporary closure

For increased user and patient safety when the container is not in use.

7 Fill line

The inkjet printed fill line is clearly visible externally and in combination with the translucent lid and large 'headroom' ensures Sharpsafe® is the safest sharps disposal system available.

8 In-mould label

This unique label is moulded directly into the container providing a permanent audit trail which cannot be removed.



Sharpsafe®

The complete range of sharps containers



Sharps Containers		0.2L	0.3L	0.45L	0.6L	1L	2L	3L	4L	7L	9L	13L	24L	30L	Quiver 7.5L	25L XL	Clinisafe 8L	Clinisafe 11L
INFECTIOUS SHARPS FOR INCINERATION	Cat No. NHS No.	41731430	41751430 FSL359	41701430 FSL360	41502430 FSL336	41602430 FSL078	41405430 FSL426	41455430 FSL276	41005430 FSL030	41105430 FSL031	41172430 FSL290	41152430 FSL291	41202430 FSL308	41802430 FSL066	41902430 FSL080	41952430	41912430	41922430
INFECTIOUS SHARPS FOR INCINERATION OR ALTERNATIVE TREATMENT	Cat No. NHS No.				41502410 FSL350	41602410 FSL337	41405410 FSL159	41455410 FSL351	41005410 FSL338	41105410 FSL353	41172410 FSL341	41152410 FSL100	41202410 FSL342	41802410 FSL354				
CYTO SHARPS FOR INCINERATION	Cat No. NHS No.				41502420 FSL335	41602420 FSL321	41405420 FSL322	41455420 FSL277	41005420 FSL326	41105420 FSL283	41172420 FSL327	41152420 FSL329	41202420 FSL334	41802420 FSL279				

FSL codes apply to NHS Supply Chain references only.

Leakproof Containers		6L	10L	19L
INFECTIOUS SHARPS FOR INCINERATION	Cat No.	41652430	41142430	41192430
CYTO SHARPS FOR INCINERATION	Cat No.	41652420	41142420	41192420
LIQUID PHARMA WASTE FOR INCINERATION	Cat No.	41652440	41142440	41192440

The Sharpsafe® Leakproof range is now available in 6 Litre, 10 Litre and 19 Litre containers which comply with both UN1851 and UN3291.

Solid Pharmaceutical Waste Containers		7L	30L
SOLID PHARMA WASTE FOR INCINERATION	Cat No. NHS No.	41105440 FSL284	41802440 FSL278

The Sharpsafe® Solid Pharmaceutical Waste container has been designed for POM's and other solid pharma waste in compliance with UN3249.

Specimen Transport Bags		STB1 6L	STB2 19L
COMMUNITY SPECIMEN TRANSPORT BAG	Cat No.	50010000	50020000

The Community Specimen Transport Bag (STB) has been designed for community healthcare workers who need to transport diagnostic specimens whilst adhering to UN3373.



Protected Access Containers

Designed for use in public access areas such as A&E and out-patients. The Protected Access range allows easy disposal of sharps but provides added security for both user and the general public.

The Protected Access range also discourages the use of the sharps container for non sharps waste, avoiding unnecessary waste disposal costs.

		9L	13L	24L	30L	Quiver 7.5L	25L XL
INFECTIOUS SHARPS FOR INCINERATION	Cat No. NHS No.	41171430 FSL292	41151430 FSL361	41201430 FSL363	41801430 FSL285	41901430	41951430
INFECTIOUS SHARPS FOR INCINERATION OR ALTERNATIVE TREATMENT	Cat No. NHS No.	41171410 FSL037	41151410 FSL362	41201410 FSL364	41801410 FSL355		
CYTO SHARPS FOR INCINERATION	Cat No. NHS No.	41171420 FSL328	41151420 FSL366	41201420 FSL365	41801420 FSL356		

21% of NSIs could be avoided with a NPSD™ strategy - usually at reduced cost ²

Reducing the risk of needlestick injury with Sharpsafe® Near Patient Sharps Disposal™

It has been estimated that more than 100,000 needle stick injuries (NSIs) occur every year, exposing healthcare workers to potentially serious risk.¹

- 21% of NSI's occur after use and before disposal¹
- 34% of NSIs affect nurses¹
- 30% of NSIs happen to someone who was not the user of the sharp¹

Frontier's Sharpsafe® Near Patient Sharps Disposal System™ (NPSD™) significantly reduces this risk by enabling sharps to be disposed of directly at the point of use eliminating secondary handling and reducing opportunities for NSIs.

Sharpsafe® NPSD™ is the cornerstone of an effective infection control strategy to minimise the transmission of blood borne viruses through NSIs.

The Infection Prevention Society, NICE, MHRA and EU guidance all support the principle of sharps disposal at the point of use.

The use of Sharpsafe® NPSD™ system has been demonstrated to help in reducing needlestick injuries (NSIs). It works because it features sharps containment products designed specifically to be taken to the patient, at the point of use.



Three large NHS Trusts, having converted to the use of the Sharpsafe® NPSD™ system all reported significant and sustained reductions in container related NSI's.²

Additional benefits of converting to the use of the Sharpsafe® NPSD™ system include significant and sustained cash releasing savings achieved by using on average 22% less containers to consume the same volume of sharps waste.²



1. Needle and shaps object injury report - EPINET 2007 Data
2. Data from nine NHS Trusts 2008 - 2010. Visit www.frontiermedical.eu



The Protected Access range of containers, reduces the risk of needlestick injury with additional security from Sharpsafe®

The Protected Access range is designed and intended primarily for use in public access areas such as A&E and outpatients, and anywhere children may be present.

The Protected Access range permits easy and safe disposal of sharps via an integral, barrel shaped rotating aperture, which ensures fingers and small hands are prevented from entering the container, providing added security for the user, patients and members of the public.

The unique closure also ensures only appropriate sized sharps can be placed into the container, discouraging the use of sharps containers for non-sharps waste, avoiding unnecessary waste disposal costs.

The Protected Access range is available in a variety of containers from 2 Litre to 30 Litre Sharpsafe.



features

- 1 Closed aperture preventing hand intrusion
- 2 Pivot flap ensures safe disposal
- 3 Translucent Lid - contents visible when full
- 4 In-mould label - offers permanent audit trail which cannot be removed





A unique range of leakproof containers, compliant with **UN 1851** and **UN 3291**

The HTM 07-01: Safe Management of Healthcare Waste Guidelines identify the need for waste containers that are leakproof, puncture resistant plastic containers designed to collect, store and safely dispose of medical sharps and associated liquid waste.

Frontier Medical provide 6 Litre, 10 Litre and 19 Litre leakproof containers which meet the stringent UN 1851 and UN 3291 standards. More NHS Trusts are now insisting upon UN 1851 compliant leakproof containers. The Frontier Medical leakproof range is currently the only such compliant range available in the UK.



The container lids are colour-coded in recognition of HTM 07-01 guidelines. The screw-on lid seals the container and prevents the spilling of contents during and after use.

features

- Puncture and impact resistant
 - Fluid leakproof
 - Manufactured to BS 7320:1990 standard
- 1 Translucent top helps prevent overfilling
 - 2 Fluid leak resistant seal
 - 3 Grab handle
 - 4 Label conforms to current EU guidelines





Reduce, Reuse, Recycle

If you reduced the number of sharps containers you consume and incinerate by 22%, just think what that would do for your carbon footprint, and cash savings targets

Reducing Sharps Waste; The most cost effective and environmentally friendly way of dealing with waste is to reduce the amount of waste produced

NetRegs2010

Reduce

Frontier recently introduced a new business model to nine NHS Trusts aimed at reducing the volume of sharps containers they consumed by switching to the Sharpsafe® NPSD™ system of sharps disposal.

The switch resulted in a reduction by an average 22% in sharps container consumption and incineration over the next 2 years and produced cash releasing savings in excess of £150,000. In addition, an estimated £43,000 was saved by reducing the volume of sharps containers incinerated by 54 Tonnes (11%) of polypropylene across the nine NHS Trusts.

This reduction was achieved by consuming the same volume of sharps waste in fewer containers without compromising upon safety. Many of these Trusts confirmed a significant and sustained reduction in needlestick injuries (NSI's) with one Trust reporting an exceptional 90% reduction in NSI's.²

2. Data from nine NHS Trusts 2008 - 2010. Visit www.frontiermedical.eu



Reuse

Two reusable sharps containment systems are currently available to the NHS. Both systems have their advantages and disadvantages over each other and versus disposable systems.

It is currently the view of Frontier Medical Group that neither system has thus far been able to demonstrate a proven reduction to the NHS in NSI's, sharps waste, cost or carbon footprint compared to conventional disposable systems and that the opportunity exists to develop an improved system which can achieve many or all of these benefits.

Recycle

Frontier Medical Group regrind and recycle all polypropylene waste produced during the manufacture of Sharpsafe® containers. In order to maintain the standards of puncture resistance only virgin polypropylene is used in the manufacture of Sharpsafe®. Frontier use recycled polypropylene waste to manufacture Sharpsafe® accessories including NPSD™ Trays, Brackets and other applications.



Nothing gets closer than
NPSD™



Business Case

If you reduced the number of sharps containers you consume and incinerate by 22%, just think what that would do for your cash savings targets

NHS 2010-2015: from good to great. Preventative, people centered, productive NHS; makes specific reference to a set of safety challenges over the next five years, including the need to reduce waste and produce cash releasing savings for use in improving outcomes.

The Model

Frontier Medical Group have developed an easy to use tool to collate and record sharps container usage data. The spreadsheet calculates the optimum quantity of sharps containers that are required to accommodate the current litrage of sharps waste and demonstrates how a more optimal range of containers might be used in conjunction with Sharpsafe® NPSD™ to produce significant cash releasing savings.

More hospitals are switching to Sharpsafe® NPSD™

The experience of nine NHS Trusts has demonstrated that cash releasing savings totalling more than £165,000 had been achieved, averaging 13% savings sustained across this range of large and small Trusts over 2 years. The savings were achieved whilst disposing of the same volume of sharps waste. By standardising on Sharpsafe® NPSD™ and optimising the range and size of containers the Trusts were able to reduce the volume of containers utilised. In most cases, the incidence of container related needlestick Injuries (NSI's) was also significantly reduced.



Case Study

In 2008 Nine NHS Trusts converted to Sharpsafe® NPSD™. Collectively they averaged a 22% reduction in consumption of sharps containers and produced an average of 13% cash releasing savings, sustained over the first 2 years. All of the Trusts recorded reductions in NSI', with 3 Trusts reporting significant and sustained reductions.²

Average Sustained Saving **13%**

2. Data from nine NHS Trusts 2008 - 2010. Visit www.frontiermedical.eu



At your service

As well as a fully compliant product range Frontier Medical can also offer a helping hand in the form of a comprehensive range of posters, ordering guides and educational supplements.

Bespoke Training

Frontier Medical has the largest sales and customer services team supplying sharps containers in Europe. The team includes an in-house design team experienced in the production of bespoke clinical training material targeted at nurses and other clinicians.

Smooth Transition

The sales and customer service team has extensive experience of developing and implementing conversion programmes to assist hospitals in a smooth transition from using conventional sharps bins to using Sharpsafe® NPSD™.

The team have also developed a new process to assist Trusts in migrating to HTM 07-01 Safe Management of Healthcare Waste guidelines. This process includes a new and comprehensive bespoke resource pack for Hospitals and PCT's.

Audit Report

Sharpsafe® clients benefit from a complimentary detailed annual audit carried out by trained Frontier sales and customer service staff which concludes in a comprehensive written audit report presented to the Trust within one month of completion.

What next?

The Frontier team would be pleased to provide a quotation for the supply of the Sharpsafe® system including where appropriate the provision of guarantees related to the savings and outcomes predicted.

For more information or to make an appointment for a member of Frontier Medical Customer Service Team to visit please contact Mark Tudor at mtudor@frontier-group.co.uk

Call

01495 235800

Visit

www.sharpsafe.co.uk

Support & Education

A helping hand from Frontier Medical Group

Whichever segregation route you take, be assured of support from Frontier Medical. As well as a fully compliant product range we also offer a helping

hand in the form of a comprehensive range of posters, ordering guides and educational support materials and training services.

Sharpsafe® toolkit and CD-ROM



Sharpsafe® guide booklet



Safe management PowerPoint presentation



Now Online

Frontier Medical Group has an extensive on-line education and training library containing a wide range of posters, brochures, assembly and user instructions and product images.

To download a resource simply visit www.sharpsafe.co.uk and click on downloads.

New

Continually developing and improving our products for your safety

New to the Sharpsafe® Range

The Sharpsafe® XL has a capacity of 25 Litres and is designed to hold laparoscopic instruments in operating theatre environments. The lid has a fluid tight adhesive seal to prevent any leakage after final closure.

features

- Fluid leak resistant seal with temporary closure feature
- Wall or trolley mountable for extra stability
- Available with a protected access insert
- Carry handle
- Interstackable for efficient space utilisation



Introducing Safe-Point®

The potential risk of needle-stick injury is of constant concern to all members of the practice team. The anxiety and trauma associated with a member of staff experiencing a needle-stick injury can have serious effects on both staff and patients.

The Safe-Point® automatically unscrews and disposes of a used needle in seconds providing a responsible and effective solution to the safe disposal of used needles.



New Guideline Revision

Sharpsafe® and HTM 07-01



New Guideline Revision

The new HTM 07-01: Safe Management of Healthcare Waste Guidelines are currently under review. The guidelines oblige NHS Trusts to segregate clinical waste into specific colour coded waste streams, according to the nature of the waste:



Orange – Sharps for incineration or alternative treatment. Marked “Fully Discharged Sharps” the inscription and ‘tick’ indicate this coloured lid container is for use with sharps not containing prescription only medicines or ‘POM’s.



Yellow – Infectious sharps for incineration only. Marked with “Medicinal Sharps”, the inscription and ‘tick’ indicates this coloured lid container will be for general use, including sharps containing medicinal residue. Yellow is also the default colour which all existing ‘general’ sharps containers will revert to initially until a segregated system in accordance with HTM-07-01 is implemented.



Purple – Marked with “Cyto Sharps”, the inscription and ‘tick’ indicate this coloured lid container will be for use with sharps contaminated with cytotoxic and / or cytostatic medicines.



Blue - Sharpsafe® Pharma waste containers are available with labels designating “Solid Pharmaceutical Waste”. These containers comply with UN 3249 as shown within the in-mould label.



Under the latest revision a recommendation is being made that a **Red** Lid be used to indicate a clinical waste container suitable for the transportation of anatomical waste.

New Solution

Sharpsafe® is a Sharps Management System incorporating practice methodology designed to deliver safe management of sharps in accordance with HTM 07-01 Safe Management of Healthcare Waste and current NHS ‘point of use’ disposal guidelines incorporating Sharpsafe NPSD™.





Each Hospital or Trust will choose a combination of the following coloured lids;

1. **Orange** (Fully discharged)
2. **Yellow** (Medicinal)
3. **Purple** (Cytotoxic/Cytostatic)
4. **Blue** (Pharmaceutical)
5. **Red** (Anatomical)

A separate booklet, 'The Sharpsafe® guide to HTM 07-01: Safe Management of Healthcare Waste' provides details on the new guidelines with specific information on how to choose a sharps \ segregation route and is designed to meet the needs of individual Trusts in accordance with HTM 07-01: This booklet can be obtained from Frontier Medical Customer Services.

Safe management of healthcare waste product placement guide

		Sharpsafe®											Clinisafe®	Leakproof	Community Bag		
		0.6L	1L	2L	3L	4L	7L	7.5L	9L	13L	24L	30L	9L	6L	10L	STB1/2	
Community		Yellow			Yellow												Green
GP's / Clinics	Cyto				Purple		Purple		Protected Access	Protected Access							
	Non-cyto				Orange		Orange		Protected Access	Protected Access	Protected Access	Protected Access					
General Wards	Cyto				Purple		Purple			Purple		Purple					
	Non-cyto				Orange		Orange			Orange		Orange			Yellow		
Oncology	Cyto				Purple						Purple					Purple	
Maternity	Cyto									Purple							
	Non-cyto									Orange	Orange		Yellow		Yellow		Yellow
Theatres	Non-cyto												Yellow	Yellow		Yellow	
Outpatients	Cyto									Protected Access	Protected Access						
	Non-cyto									Protected Access	Protected Access						
Phlebotomy	Non-cyto				INSERT	INSERT	INSERT			Protected Access	Protected Access						
Pharmacy	Solids						UN3249										
	Liquids													Blue			
Laboratories							Yellow									Yellow	

Key: Sharpsafe® container with Protected Access feature UN 3291, CLINICAL WASTE, UNSPECIFIED, N.O.S

Solid pharmaceutical container complies with UN 3249, MEDICINE, SOLID, TOXIC, N.O.S

Liquid Pharmaceutical Waste complies with UN 1851, MEDICINE, LIQUID, TOXIC, N.O.S UN 3291, CLINICAL WASTE, UNSPECIFIED, N.O.S

Sharpsafe® standard container combined with a Protected Access Insert.



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