Medicina have developed a range of cost effective, simple to use safety syringes that reduce the risk of needle stick injury to health care professionals and adhere to the latest EU Directive.*

As of May 11th 2013 a new EU directive (2010/32/EU) “The prevention of sharps injuries in the hospital and healthcare sector” will be implemented within all areas of UK Healthcare.

An RCN survey was carried out seeking 4,407 nurses in November 2008, the survey found that:

- Nearly half (45%) of nurses reported needle stick injuries either ‘a great deal’ or ‘a fair amount’
- Nearly half (46%) of nurses reported they have not received training from their employer on safe needle use.
- Over a half of nurses (52%) fear that they have previously been used on a patient.
- One third of nurses (33%) fear needle stick injuries either ‘a great deal’ or ‘a fair amount’

Medicina have developed a range of blue safety syringes adhering to this legislation. The Medicina range of syringes consists of both automatic and manually retractable options. Both offer different methods for making the needle safe after use. By having these options available this gives end users a choice of different methods for making the needle safe after use.

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All areas within UK healthcare have until 11th May 2013 to ensure that the provisions of the Directive have been implemented.
The Medicina Blue Manually Retractable safety syringe is available in a range of barrel sizes and can be used with filter or blunt needles, which can be removed after use and a hypodermic needle affixed for the administration of the fluid. Once the fluid has been administered, the plunger is depressed until a "click" is heard. The plunger is then pulled back, bringing the contaminated needle back into the barrel, until another "click" is heard. The plunger can then be snapped, further preventing any re-use of the needle.

The manually retractable syringe needs very little additional training and is simple to use. This safety syringe serves as an alternative which requires little change in practices followed by healthcare workers.

With the Medicina implementation process we aim to make this transition as simple as possible. Below is the Medicina implementation process. We also understand this process may change depending on personal aims and objectives of the implementation, this is an example of what Medicina can do for you.

The fluid is drawn up and the injection is then carried out. After all the fluid has been administered, the plunger hits the bottom of the barrel and a "click" is heard. The needle then automatically retracts back into the plunger. The risk of needle stick is therefore reduced as the contaminated needle is no longer accessible. The needle and syringe are then discarded into any sharps container.

The Medicina manually retractable syringe is a safety syringe that has been developed by Medicina to help the healthcare sector adhere to the upcoming EU directive (2010/32/EU) on Prevention of Sharps Injuries. The needle is manually retracted into the barrel after use, protecting the end user from needle stick injuries.

An estimated 61% of needle stick injuries occur after use and before disposal.¹

EU directive (2010/32/EU) states safety devices:
1. Must not compromise patient care
2. Must perform reliably
3. The safety mechanism must not be a separate accessory
4. Must be easy to use and require little change of technique
5. Must be convenient to maintain control
6. Must not create other safety hazards or sources of blood exposure
7. An single-handed or automatic activation is preferable
8. The activation must manifest itself by means of an audible, tactile or visual sign
9. The safety mechanisms should not be easily reversible once activated

The Medicina Blue Manually Retractable safety syringe is an alternative which adheres to the EU directive (2010/32/EU) on sharps injury. The needle automatically retracts after use and reduces the risk of needle stick injury.

The Medicina automatically retractable safety syringe is available in a range of barrel sizes and gauge sizes. The syringe comes with a fixed needle and can be used in a variety of procedures such as intramuscular and subcutaneous administration of fluids.

Medicina Ltd realise changing from a conventional device to a safety device will be a large task for the hospitals and healthcare sector. Once a suitable Medicina safety device has been chosen pre-conversion product awareness will be provided to all areas.

Product training will be repeated to all areas.
Specific visual aids will be provided to all areas.
Routine follow up visits for post conversion support and education.
Account manager and Product manager available at all times for additional support/education.

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