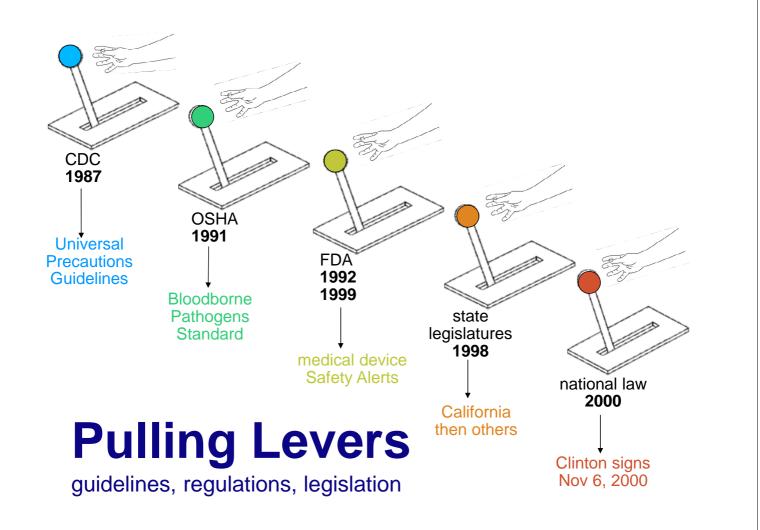
Needlestick Safety and Prevention Act of 2000: Impact and Limitations

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GERES 21^{eme} Journee Annuelle

Paris, December 9, 2011





FDA SAFETY ALERT: Needlestick and Other Risks from Hypodermic Needles on Secondary I.V. Administration Sets --Piggyback and Intermittent I.V.

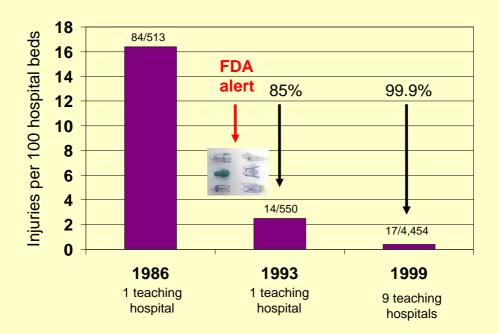
April 16, 1992

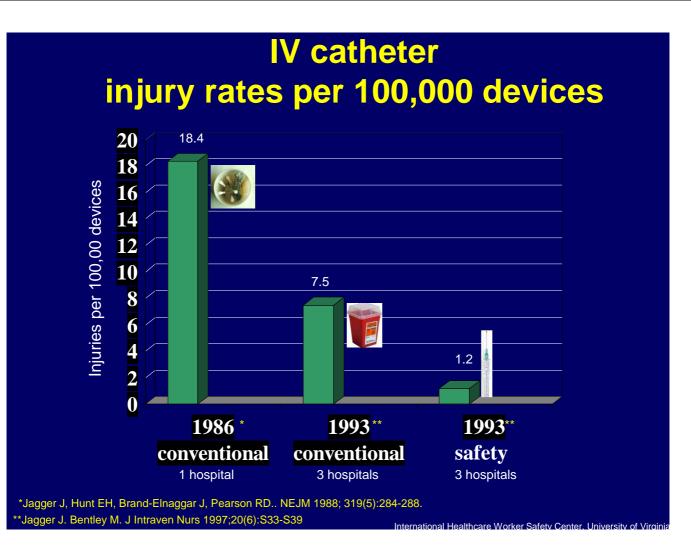
Dear Colleague:

This is to alert you to the risk of needlestick injuries from the use of hypodermic needles as a connection between two pieces of intravenous (I.V.) equipment. The use of exposed hypodermic needles on I.V. administration sets or the use of syringes to access I.V. administration set ports or injection sites are unnecessary and should be avoided. Hypodermic needles should only be used in situations where there is a need to penetrate the skin.

Injury Rates from Needles on IV Lines Before & After the 1992 FDA Safety Alert

EPINet hospitals, International Healthcare Worker Safety Center

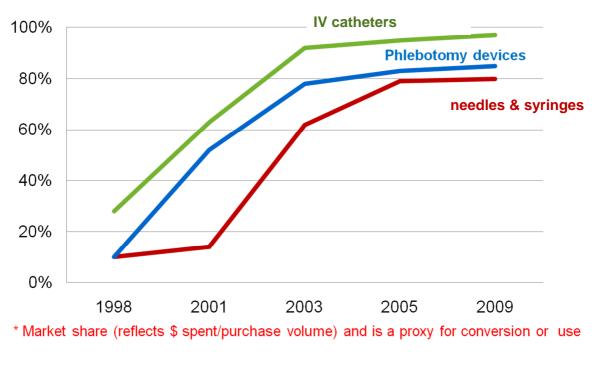




The Needlestick Safety and Prevention Act November 6, 2000



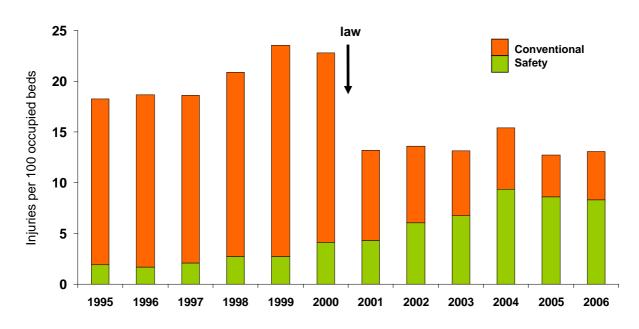




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Injury Rates from Hollow-bore Needles: Safety versus Conventional, U.S. EPINet 1995-2006

87 hospitals; total injuries = 24,440 (excludes injuries occurring before use of device)

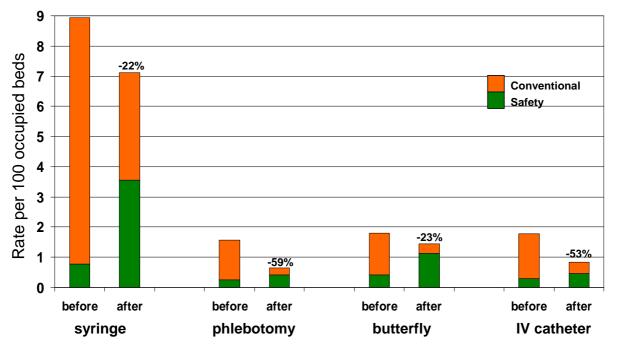


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Figure 3

Device Specific Injury Rates Before (1993-2000) versus After (2001-2004)

US EPINet 1993-2004: 87 hospitals; total injuries = 10,778. Excludes injuries occurring before use of device

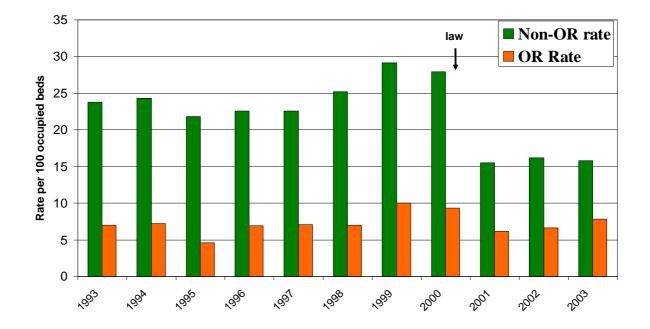


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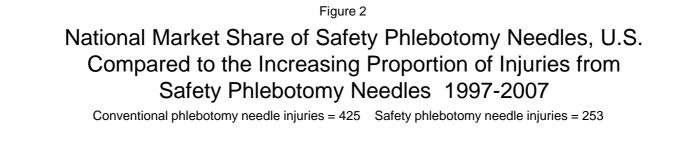
Two areas where progress lags: Operating Room Non-hospital settings

OR versus Non-OR Injury Rates

EPINet 1993-2003: 87 hospitals; total injuries = 28,895. Excludes injuries occurring before use of device



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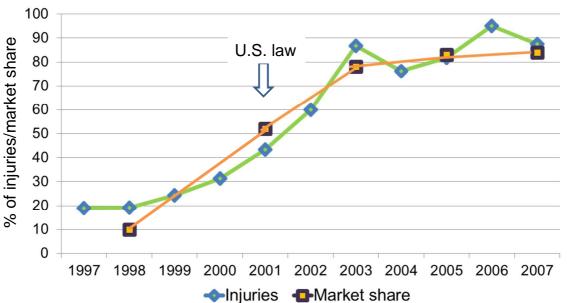
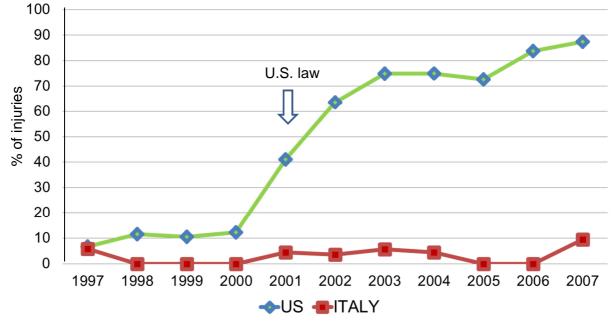


Figure 3

Syringes Used for Venous Blood Drawing: Percent of Injuries from Safety Syringes

syringe injuries (venous blood draw), U.S. = 1,038 syringe injuries (venous blood draw), Italy = 554





Syringes Used for Arterial Blood Drawing: Percent of Injuries from Safety Syringes

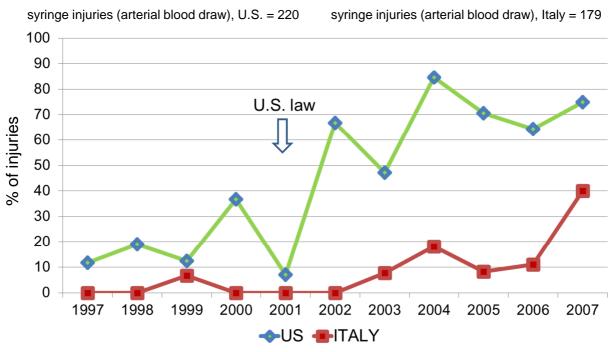


Figure 5

