

1,250-bed
Barnes-Jewish Hospital
 (part of BJC HealthCare,
 11 hospitals total)
STAFF SAFETY =
TOP PRIORITY

PROTECTING HEALTHCARE HEROES:

BJC HEALTHCARE'S SAFETY BREAK THROUGH WITH VANISHPOINT® SYRINGES

SUMMARY: A large teaching hospital discovered that over one-third of needlestick injuries occurred with devices requiring manual safety activation. By implementing Retractable Technologies' **VanishPoint** passive safety syringes, the hospital achieved a **0% needlestick rate** in trial units during a nine-month period and a reduction in systemwide needlestick injuries after broader rollout. In addition to improving safety, the transition resulted in **\$31,706.56 in cost savings**, demonstrating the financial and clinical benefits of implementing passive safety devices.

THE CHALLENGE



- **35% of needlestick injuries** involved manual safety devices¹
- **Manual steps** = missed activations = exposure to bloodborne pathogens
- Needed a reliable, automatic solution

THE SOLUTION

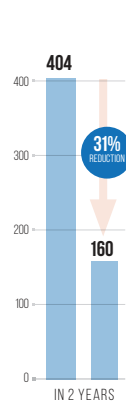


- **Passive VanishPoint Safety Syringes** (0.5 mL, 1 mL, 3 mL)
- **Automatic needle retraction** with delivery of full dose – no manual steps needed!

KEY SUCCESS FACTORS

- **Passive safety** technology
- High-risk unit targeting
- Comprehensive training & monitoring
- Evidence-based rollout

THE RESULTS



- **0% Needlestick Rate**
 - ◆ 9-month trial across 4 med-surg units + 1 ICU¹
- **31% Systemwide Reduction**
 - ◆ Injury rate dropped from **0.58 to 0.46** per 100k hours⁴
 - ◆ Incidents fell from **404 to 160** in 2 years⁴

System-level reduction includes areas using various types of devices, not just units that switched to passive safety devices.

FINANCIAL WINS



- **\$31,706.56** saved in direct costs¹ (↓ staff time, lab tests, PEP treatments, admin overhead)

Not including soft costs such as lost productivity, sick time, temporary staff coverage, physician visits, travel time, legal fees, and workers' compensation

EXPERT INSIGHT



- **"Safer during use, after use, and before disposal."**
 – Ashleigh J. Goris,
 RN, BSN, MPH, CIC

LASTING IMPACT

- Safer workplace
- Happier, less anxious staff
- Stronger compliance with OSHA sharps safety rules



Scan to view the full case study



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