

ECRI's Needlestick-Prevention Device Evaluation Form

Device: _____
 Supplies/Trade Name _____
 Applications: _____
 Reviewer: _____ Date: _____

For each question circle the appropriate response for the needlestick-prevention (NPD) device being evaluated.

Healthcare Worker Safety

1. A. Does the NPD prevent needlesticks during use (i.e., before disposal)? Yes No
 B. Does it do so after use(i.e., does the safety mechanism remain activated through disposal of the NPD)? Yes No
2. A. Does NPD provide protection one of the following ways: Either intrinsically or automatically? (Answer "No" if a specific action by the user is required to activate the safety mechanism.) Yes No
 B. If "No," is the mechanism activated in one of the following ways: either by one-handed technique or by a two-handed technique accomplished as part of the usual procedure? Yes No
3. During the use of NPD do user's hands remain behind the needle until activation of the safety mechanism is complete? Yes No
4. Is the safety mechanism reliable when activated properly? Yes No
5. Does the NPD minimize the risk of user exposure to the patient's blood? Yes No

Patient Safety and Comfort

6. Does the NPD minimize the risk of infection to the patient (e.g., through cross-contamination)? Yes No
7. Can the NPD be used without causing more patient discomfort than a conventional device? Yes No
8. For IV NPDs : Does the NPD attach comfortably (i.e., without causing patient discomfort at the catheter port or IV tubing? Yes No

Ease of use and Training

9. Is NPD Operation obvious? That is can the device be used properly without extensive training? Yes No
10. Can the NPD be used by a left-handed person as easily as by a right handed person? Yes No
11. Is the technique required for using the NPD the same as that for using a conventional device? Yes No
12. Is it easy to identify the type and size of the product from the packaging? Yes No
13. For intravenous (IV) catheters and blood collection needle sets: Does the NPD provide a visible blood flashback during initial insertion? Yes No
14. Please rate the ease of using this NPD Exc. Good Fair Poor
15. Please rate the quality of the in-service training Exc. Good Fair Poor

Compatibility

16. Is the NPD compatible with devices (e.g., blood collection tubes) from a variety of suppliers? Yes No
17. For IV NPDs:
 - A. Is the NPD compatible with intralipid solutions? Yes No
 - B. Does the NPD attach securely at the catheter port? Yes No
 - C. Does the NPD attach securely or lock at a Y-site (e.g. for piggybacking)? Yes No
18. Is the NPD easy to dispose of in sharps containers of all sizes (if required)? Yes No
19. Does using the NPD instead of a conventional device result in only a modest (if any) increase in sharps container waste volume? (Answer "No" if the NPD will increase waste volume significantly.) Yes No

Overall

20. Would you recommend using this device? Yes No

Comments (e.g., describe problems, list incompatibilities)