

# 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. | <i>For IV NPDs</i> : 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. | <i>For intravenous (IV) catheters and blood collection needle sets</i> : 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. | <i>For IV NPDs</i> :  |       |     |    |
|     | 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)