

The Laboratory Risk Indicator for Necrotizing Fasciitis (LRINEC) score

A score greater than 6 indicates that necrotizing fasciitis should be seriously considered. The scoring criteria are as follows:

- CRP (mg/L) ≥ 150 : 4 points
- WBC count ($\times 10^6/\text{mm}^3$)
 - < 15 : 0 points
 - 15–25: 1 point
 - > 25 : 2 points
- Hemoglobin (g/dL)
 - > 13.5 : 0 points
 - 11–13.5: 1 point
 - < 11 : 2 points
- Sodium (mmol/L) < 135 : 2 points
- Creatinine (umol/L) > 141 : 2 points
- Glucose (mmol/L) > 10 : 1 point^{[10][11]}

The cutoff value for the LRINEC score was 6 points with a positive predictive value of 92.0% and negative predictive value of 96.0%.

*Wong et al Crit Care Med 2004; 32: 1535

TABLE 3. NSTI Scoring System

Variable	Points
Fascial air	5
Muscle/fascial edema	4
Fluid tracking	3
Lymphadenopathy	2
Subcutaneous edema	1

Validation parameters for a score of > 6 points included sensitivity (86.3%), specificity (91.5%), negative predictive value (NPV) (85.5%), and positive predictive value (PPV) (63.3%). Validation parameters for fascial air alone yielded a sensitivity of 44.1%, specificity 61.1%, NPV 35.2%, and PPV 58.9%.

*McGillicuddy et al J Trauma 2011; 70: 894