

INDICATION

Used to assess and rapidly risk stratify neutropenic fevers in patients undergoing chemotherapy

INTERPRETATION

NCI RISK CATEGORY	ANC
0	Within normal limits (≥2,000 cells/mm <sup>3</sup> )
1	≥1,500 to <2,000 cells/mm <sup>3</sup>
2 Mild Neutropenia	≥1,000 to <1,500 cells/mm <sup>3</sup>
3 Moderate Neutropenia	≥500 to <1,000 cells/mm <sup>3</sup>
4 Severe Neutropenia	<500 cells/mm <sup>3</sup>

NCI: National Cancer Institute neutropenia grades

CALCULATION

**ANC**<sub>cells/mm3</sub> = 10 x WBC<sub>x 10<sup>9</sup> cells/L</sub> x (% Polymorphonuclear Neutrophils (PMNs) + % bands).