

**INTERPRETATION OF A LEUKOCYTE ESTERASE TEST RESULT
IN A WOMAN WITH A HIGH (77%) PRIOR PROBABILITY OF UTI**

A DIAGNOSIS	B* PRIOR PROBABIL- ITY (%)	C* CONDITIONAL PROBABILITY OF RESULT (%)	D PRODUCT (B × C)	E POSTERIOR PROBABILITY† (%)
Positive Result				
UTI	77	71	5467	94
No UTI	22	15	330	6
			Total = 5797	
Negative Result				
UTI	77	29	2233	54
No UTI	22	85	1870	46
			Total = 4103	

*The entries in columns B and C can be in any convenient scale (eg, probabilities, percentages, cases/1000), and the scale for each column can be different.

†The row-wise product divided by the total of column D.