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| Diagnostic Test Worksheet | PICO: | Citation: |
| P (pt/population):I (intervention):C (comparison):O (outcome): |  |  |
| Are the results VALID? | Was there an independent, blind comparison with a reference (“gold”) standard? |  |
|  | Was the diagnostic test evaluated in an appropriate spectrum of patients? |  |
|  | Was the reference standard applied regardless of the diagnostic test result? |  |
| What are the RESULTS? |

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| --- | --- | --- |
|  | Disease + | Disease - |
| Test pos | a | b |
| Test neg | c | d |

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|  |  |  |
| --- | --- | --- |
|  | Disease + | Disease - |
| Test pos |  |  |
| Test neg |  |  |

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|  | Sensitivity = a/(a+c)Specificity = d/(b+d)PPV = a/(a+b)NPV = d/(c+d)LR (+) = sens/1 - specLR (-) = 1 – sens/spec |  |
| Are the results APPLICABLE to my patient? | Is the test available, affordable, accurate and precise in our setting? |  |
|  | Can we generate a sensible estimate of our patient’s pre-test probability? |  |
|  | Will the post-test probability affect our management and help our patient? |  |
| Based on these results, my practice will show (check) | Big changeSmall changeNo change |  |