|  |  |  |
| --- | --- | --- |
| 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? | |  |  |  | | --- | --- | --- | |  | Disease + | Disease - | | Test pos | a | b | | Test neg | c | d | | |  |  |  | | --- | --- | --- | |  | Disease + | Disease - | | Test pos |  |  | | Test neg |  |  | |
|  | Sensitivity = a/(a+c)  Specificity = d/(b+d)  PPV = a/(a+b)  NPV = d/(c+d)  LR (+) = sens/1 - spec  LR (-) = 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 change  Small change  No change |  |