

Rubric Name: Final Lab Project Report_2022

Criteria	Level 4 4 points	Level 3 3 points	Level 2 2 points	Level 1 1 point
Patient's history	The significance of all of the points in the patient's history in making the final diagnosis was well explained. A good outside source was used and cited correctly. (Minus 1 point if cited incorrectly.)	The significance of most of the points in the patient's history in making the final diagnosis was well explained. A good outside source was used and cited correctly. (Minus 1 point if cited incorrectly.)	The significance of a few of the points in the patient's history in making the final diagnosis was well explained. A good outside source was used and cited correctly. (Minus 1 point if cited incorrectly.)	The significance of the patient's history in making the final diagnosis was not well explained and/or outside sources were not used.
Patient's signs and symptoms	The significance of each of the patient's signs and symptoms in making the final diagnosis was well explained. A good outside source was used and cited correctly. (Minus 1 point if cited incorrectly.)	The significance of most of the patient's signs and symptoms in making the final diagnosis was well explained. A good outside source was used and cited correctly. (Minus 1 point if cited incorrectly.)	The significance of a few of the patient's signs and symptoms in making the final diagnosis was well explained. A good outside source was used and cited correctly. (Minus 1 point if cited incorrectly.)	The significance of the patient's signs and symptoms in making the final diagnosis was not well explained and/or outside sources were not used.
Vocabulary list	All-important medical terms were defined.	Most important medical terms were defined.	Some important medical terms were defined.	Important medical terms were not defined.

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Results of lab tests in the case study	The significance of the results of each of the lab tests given in the case study in making the final diagnosis was well explained.	The significance of most of the results of the lab tests given in the case study in making the final diagnosis was well explained.	The significance of a few of the results of the lab tests given in the case study in making the final diagnosis was well explained.	The results of the lab tests given in the case study were stated but their significance in making the final diagnosis was not explained.
Following Correct Lab Report Instructions	All of the patient's history, patient's signs and symptoms, and lab tests given in the case study were put in the correct place.	Most of the patient's history, patient's signs and symptoms, and lab tests given in the case study were put in the correct place.	Some of the patient's history, patient's signs and symptoms, and lab tests given in the case study were put in the correct place.	An incorrect format was used in writing the lab report.
Gram stain	The Gram reaction, shape, and arrangement of the bacterium are all correct, were supported by the catalase test if needed, and were used correctly in determining which media to use and an explanation as to why.	The Gram reaction, shape, and arrangement of the bacterium are all correct, were supported by the catalase test if needed, and were used correctly in determining which media to use but there is no explanation as to why.	Either the Gram reaction, shape, or arrangement of the bacterium is incorrect, but was supported by catalase test if needed. Results were used correctly in determining which media to use and an explanation as to why.	Either the Gram reaction, shape, or arrangement of the bacterium is incorrect, and a needed catalase test was not done. Results were used correctly in determining which media to use but no explanation as to why.

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Choice of isolation media	The choice of isolation medium is correct with an explanation as to why it was chosen.	The choice of isolation medium is correct with an explanation as to why it was chosen, but an additional medium or additional media should have been used.	The choice of isolation medium is correct with an explanation as to why it was chosen, but an additional medium or additional media not needed were used.	The choice of isolation medium or media is incorrect.
Results of isolation media	The results of the isolation media are correct, their significance was stated, and there is an explanation of what additional tests must be performed next.	The results of the isolation media are correct, but the significance of their results was not stated. There is an explanation of what additional tests must be performed next.	The results of the some of the isolation media are missing or incorrect.	The results of the isolation media were not used in making the final diagnosis.
Choice of additional identification tests	The choice of additional identification tests is correct.	The choice of some additional identification tests is correct but additional identification tests should have been used.	The choice of some additional identification tests is correct but additional identification tests not needed were used.	The choice of additional identification tests is incorrect.

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Results of additional identification tests	The results of additional identification tests are correct and were used correctly (which possible organism or organisms it could be) in making the final diagnosis.	The results of additional identification tests are correct but the significance of their results (which possible organism or organisms it could be) was not stated.	The results of some of the additional identification tests are missing or incorrect.	The results of additional identification tests were not used in making the final diagnosis.
Explanation of why each isolation medium or each additional test was used or not used.	Explanation of why all isolation media or additional tests were used or not used was stated.	Explanation of why most isolation media or additional tests were used or not used was stated.	Explanation of why some isolation media or additional tests were used or not used was stated.	Explanation of why isolation media or additional tests were used or not used was not stated.
Antibiotic susceptibility testing	The antibiotic susceptibility testing was done correctly.	The antibiotic susceptibility testing was done correctly but gaps were left after streaking the plate.	The antibiotic susceptibility testing was done correctly but the wrong discs were used.	Antibiotic susceptibility testing was not done.

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Final diagnosis	The genus and species of the bacterium and the infection it is causing are all correct. The infection that leads to sepsis, if applicable, is explained.	The genus and species of the bacterium and the infection it is causing are all correct. The infection that leads to sepsis, if applicable, is not explained.	Either the genus, the species, or the infection it is causing is incorrect. The infection that leads to sepsis, if applicable, is not explained.	The genus and species of the bacterium and the infection it is causing are all incorrect.

Total = 52 Points