

Appendix

Emergency Care Journal #8237

Attitudes and beliefs of emergency physicians on lab tests utilization in clinical practice. A multicenter survey

QUESTIONNAIRE: "Laboratory in Emergency Medicine"

1. Generally, when you order lab tests (only one answer):

- I only select the test I consider useful in that clinical presentation.
- I use standard panels

2. When you order lab tests do you think you often exceed, *i.e.*, you order tests not addressed to that specific clinical presentation? (only one answer)

- Yes
- No

3. In case you answered "Yes" to the former question, what is the reason for this? (multiple answers possible)

- Shortage of time for reasoning
- Nurses have already withdrawn blood samples
- Need to "reassure" the patient
- Fair of medico-legal litigation
- I have answered "No" to the former question
- Others (specify)

4. Do you think that exceeding in testing is (multiple answers possible):

- Safer for the patient
- Safer for me
- Dangerous for the patient
- Dangerous for me
- Necessary, due to the "Shortage of time to think"
- Sometimes cushy

5. When you order a lab test do you usually consider if that test will give a response capable in influencing your clinical decision in that patient (only one answer)?

- Always
- Sometimes
- Rarely
- Never

6. How much do you think to know the "performance" of the tests you order (*i.e.*, precision, sensitivity, specificity, predictive value) (only one answer)?

- Very well
- Adequately
- Not adequately
- Insufficiently

7. How do you keep yourself updated on new lab tests (multiple answers possible)?

- Information sharing with colleagues
- Meetings and seminars
- Guidelines and recommendations
- Scientific papers
- Websites (even non medical sites)
- Others (specify)

8. What's the importance of the laboratory in your clinical decisions (only one answer)?

- Essential
- Moderate
- Scarce
- Nothing at all
- Don't know/no answer

9. Do you know the reasons for which in your hospital the following lab tests have been deleted from the panels?

	Yes	No	Not applicable*
Amylase			
AST			
CK-MB			
Myoglobin			

*this test is still included in panels of my hospital.

10. Which test do you consider the most important in influencing your clinical decisions? (free comments)

11. Which test could you quit among those available in your hospital? (free comments)

12. Which test do you wish to implement among those available in emergency panels in your hospital? (free comments)

13. Do you know the costs of the lab test you currently use (only one answer)?

- Yes
- No
- Partially

14. Do you know how much urgent lab tests account in the global burden of the central lab (only one answer)?

- <10%
- 10-20%
- 20-30%
- 30-40%
- 40-50%
- >50%

15. Do you know how much lab tests account in the global burden of costs of the hospital (only one answer)?

- 1%
- 2%
- 5%
- 10%
- 25%
- 50%

16. In which percentage do you think that lab tests influence the clinical management of each patient, in average (only one answer)?

- <25%
- 25-50%
- 50-75%
- 75-99%
- 100%

17. I wish to go deeper in this field of knowledge (multiple answers possible):

- To know the cost of single tests
- To better know the diagnostic performance of the tests
- To know the importance attributed to the single tests by guidelines
- To know the lab TAT of the tests

18. In which diagnostic issues do you more frequently seek consultation with lab colleagues in tests' interpretation (multiple answers possible)?

- AMI diagnostics (*i.e.*, troponin)
- Coagulation disorders (*i.e.*, PT, APTT, D-dimer)
- Hematology (*i.e.*, hemocytometry, blood cells)
- Metabolic disorders (*i.e.*, creatinine, bilirubin, glucose, aminotransferases)
- Infection's biomarkers (*i.e.*, CRP, procalcitonin)
- Urine analysis
- Toxicology
- I never seek consultation with lab colleagues
- Others (specify)

19. How do you could describe your feedback from lab colleagues when you ask an expert opinion (only one answer)?

- Almost always useful
- Sometimes useful
- Sometimes useless
- Almost always useless
- I never ask an expert opinion from lab colleagues

20. Would you consider useful to be engaged in meeting shared between EM and LM (only one answer)?

- Yes
 - No
 - Don't know/no answer
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