

Survey of Physician Practices in Laboratory Test Ordering and Result Interpretation



The Centers for Disease Control and Prevention (CDC), with the assistance of Altarum Institute, is conducting important research regarding the use of laboratory services in patient care. We are requesting that you help by completing this questionnaire. The questions cover laboratory test selection and result reporting/interpretation. We estimate that it will take approximately 15 minutes to complete the questionnaire.

The findings from the survey will help guide CDC initiatives to improve the efficiency and effectiveness of clinical laboratory medicine in serving the needs of primary care physicians.

Your answers will be kept confidential, and your name will not be associated with any results.

As a token of our appreciation for your assistance, we will contribute \$10.00 in your name to your choice of one of the charitable organizations listed at the end of the questionnaire.

If you have questions about this research project, please contact Tom Wilkinson, Altarum Institute, toll free at (800) 879-6505 x4725 or via email to tom.wilkinson@altarum.org.

[Click to Begin](#)

Practices in Laboratory Test Ordering and Result Interpretation

PLEASE NOTE:

This research project focuses on **clinical laboratory testing** for **diagnostic purposes**.

When we refer to laboratory tests, we are **not** referring to tissue pathology, imaging, testing for screening purposes, for monitoring chronic disease, or for monitoring drug utilization.

When answering the following questions, please **think only about clinical laboratory testing** for **diagnostic purposes**.

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Practices in Laboratory Test Ordering and Result Interpretation

1. About Your Practice

▶ Approximately how many patients do you personally see in a typical week? *(Required)* (Screen 1 of 6)

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Practices in Laboratory Test Ordering and Result Interpretation

1. About Your Practice

▶ You indicated that, in a typical week, you personally see 80 patients. Is this correct?

(Required) (Screen 2 of 6)

- Yes
- No

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Practices in Laboratory Test Ordering and Result Interpretation

1. About Your Practice

▶ Of the 80 patients you see in a typical week, for approximately how many patients do you order tests for a new complaint (NOT including patients for whom you order only screening tests, tests for chronic disease monitoring, or drug utilization monitoring)? *(Required)* (Screen 3 of 6)

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Practices in Laboratory Test Ordering and Result Interpretation

1. About Your Practice

▶ Of the 50 patients for whom you order diagnostic tests for a new complaint, for how many patients are these clinical laboratory tests (excluding imaging, EKGs, tissue pathology, etc.)? *(Required)*
(Screen 4 of 6)

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Practices in Laboratory Test Ordering and Result Interpretation

1. About Your Practice

Sometimes physicians are uncertain what would be the best clinical laboratory test(s) for diagnosing a patient's problem. For approximately how many patients per **week, month, or year** are you **uncertain** about what would be the best test(s) to **order**? (Screen 5 of 6)

Select the most appropriate timeframe then enter a number in the box associated with that timeframe below.

▶ Patients per **week** for whom you are **uncertain** about the best test(s) to **order**:

▶ Patients per **month** for whom you are **uncertain** about the best test(s) to **order**:

▶ Patients per **year** for whom you are **uncertain** about the best test(s) to **order**:

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Practices in Laboratory Test Ordering and Result Interpretation

1. About Your Practice

Sometimes after receiving results of laboratory tests for diagnosis, physicians are uncertain how to interpret the results. For approximately how many patients per **week, month, or year** are you **uncertain** how to **interpret** clinical laboratory test results? (Screen 6 of 6)

Select the most appropriate timeframe then enter a number in the box associated with that timeframe below.

▶ Patients per **week** for whom you are **uncertain** how to **interpret** clinical laboratory test results:

▶ Patients per **month** for whom you are **uncertain** how to **interpret** clinical laboratory test results:

▶ Patients per **year** for whom you are **uncertain** how to **interpret** clinical laboratory test results:

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Practices in Laboratory Test Ordering and Result Interpretation



2. Ordering Uncertainty

When uncertain what clinical laboratory tests to order for **diagnostic** (NOT for screening or monitoring) purposes, how often do you do the following? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once</u> per week	At least <u>once</u> per month	At least <u>six</u> times per year	At least <u>once</u> per year	Less than <u>once</u> per year	Never
Ask another primary care physician for advice	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ask a specialist for advice but without referring the patient (curbside consult)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Refer the patient to a specialist	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review <u>electronic</u> reference(s): professional articles, journals, newsletters	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review <u>paper</u> reference(s): professional articles, journals, newsletters	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

2. Ordering Uncertainty

When uncertain what clinical laboratory tests to order for **diagnostic** (NOT for screening or monitoring) purposes, how often do you do the following? (Screen 2 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once</u> per week	At least <u>once</u> per month	At least <u>six</u> times per year	At least <u>once</u> per year	Less than <u>once</u> per year	Never
Ask a laboratory professional (e.g., pathologist, laboratory technologist, etc.) for advice	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review a practice guideline	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wait to see how the patient's presentation evolves	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another tactic (You will be asked to specify this tactic on the next screen, after indicating frequency of use.)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

2. Ordering Uncertainty - Specify

- ▶ Please specify another tactic you use when you are uncertain what clinical laboratory tests to order for diagnostic (NOT for *screening* or *monitoring*) purposes.

Example Tactic for Open Text

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Practices in Laboratory Test Ordering and Result Interpretation

3. Ordering Uncertainty

Please rate the helpfulness of each of the following. (Screen 1 of 2)

Please select one best answer for each of the below ->

	Extremely Helpful	Very Helpful	Somewhat Helpful	Slightly Helpful	Not at All Helpful
Ask another primary care physician for advice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ask a specialist for advice but without referring the patient (curbside consult)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Refer the patient to a specialist	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review <u>electronic</u> reference(s): professional articles, journals, newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review <u>paper</u> reference(s): professional articles, journals, newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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3. Ordering Uncertainty

Please rate the helpfulness of each of the following. (Screen 2 of 2)

Please select one best answer for each of the below ->

	Extremely Helpful	Very Helpful	Somewhat Helpful	Slightly Helpful	Not at All Helpful
Ask a laboratory professional (e.g., pathologist, laboratory technologist, etc.) for advice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review a practice guideline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wait to see how the patient's presentation evolves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example Tactic for Open Text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

4. Ordering Influences

In a diagnostic situation, physicians first make the decision to order tests and then they select which tests to order. How important are the following factors in your decision to order diagnostic clinical laboratory tests, before making specific test selections? (Screen 1 of 1)

Please select one best answer for each of the below ->

	Extremely Important	Very Important	Somewhat Important	Slightly Important	Not at All Important
Patient's insurance coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient's out of pocket costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient's request	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Practice guidelines (e.g., published by specialty organizations/societies)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical pathways developed within you local practice/institution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Concerns about potential malpractice liability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of getting results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another factor <i>(You will be asked to specify this factor on the next screen, after indicating level of importance.)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

4. Ordering Influences - Specify

- ▶ Please specify another factor that is important in your decision to order diagnostic clinical laboratory tests.

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Practices in Laboratory Test Ordering and Result Interpretation

5. Ordering Influences

After you have made the decision to order tests, how important are the following factors in your selection of which diagnostic clinical laboratory tests to order? (Screen 1 of 1)

Please select one best answer for each of the below ->

	Extremely Important	Very Important	Somewhat Important	Slightly Important	Not at All Important
Patient's insurance coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient's out of pocket costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient's requests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Practice guidelines (e.g., published by specialty organizations/societies)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical pathways developed within your local practice/institution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Concerns about potential malpractice liability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of getting results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another influence (You will be asked to specify this influence on the next screen, after indicating level of importance.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

5. Ordering Influences - Specify

- ▶ Please specify another factor that is important in your selection of which diagnostic clinical laboratory tests to order.

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Practices in Laboratory Test Ordering and Result Interpretation

6. Ordering Challenges

Thinking about potential challenges in ordering clinical laboratory tests for diagnostic purposes, please indicate how often each of the following is problematic? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once</u> per week	At least <u>once</u> per month	At least <u>six</u> times per year	At least <u>once</u> per year	Less than <u>once</u> per year	Never
Different names among laboratories for the same test or test panels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Different tests among laboratories included in test panels with the same name	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desired tests not available except as part of a panel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty in communicating with laboratory professionals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Different recommendations among relevant practice guidelines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

6. Ordering Challenges

Thinking about potential challenges in ordering clinical laboratory tests for diagnostic purposes, please indicate how often each of the following is problematic? (Screen 2 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once</u> per week	At least <u>once</u> per month	At least <u>six</u> times per year	At least <u>once</u> per year	Less than <u>once</u> per year	Never
Lack of comparative cost information about alternative tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insurance policies that mandate use of specific laboratories	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insurance policies that dictate test usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient's out of pocket costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another challenge (You will be asked to specify this challenge on the next screen, after indicating how often it is problematic.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

6. Ordering Challenges - Specify

▶ Please specify another challenge in ordering clinical laboratory tests for diagnostic purposes.

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Practices in Laboratory Test Ordering and Result Interpretation

7. Ordering Challenges

Please rate how **problematic** each of the following is? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Extremely Problematic	Very Problematic	Somewhat Problematic	Slightly Problematic	Not at All Problematic
Different names among laboratories for the same test or test panels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Different tests among laboratories included in test panels with the same name	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desired test(s) not available except as part of a panel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty in communicating with laboratory professionals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Different recommendations among relevant practice guidelines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

7. Ordering Challenges

Please rate how problematic each of the following is? (Screen 2 of 2)

Please select one best answer for each of the below ->

	Extremely Problematic	Very Problematic	Somewhat Problematic	Slightly Problematic	Not at All Problematic
Lack of comparative cost information about alternative tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insurance policies that mandate use of specific laboratories	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insurance policies that dictate test usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient's out of pocket costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example Challenge for Open Text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

8. Interpretation Uncertainty

When you are uncertain about the interpretation of a clinical laboratory test(s) or the test results are inconsistent with your pretest suspected diagnosis, how often do you use the following tactics to resolve the uncertainty? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Daily	At least once per week	At least once per month	At least six times per year	At least once per year	Less than once per year	Never
Review <u>electronic</u> reference(s): professional articles, journals, newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review <u>paper</u> reference(s): professional articles, journals, newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Check practice guidelines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review patient's history and physical findings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wait to see how the patient's presentation evolves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

8. Interpretation Uncertainty

When you are uncertain about the interpretation of a clinical laboratory test(s) or the test results are inconsistent with your pretest suspected diagnosis, how often do you use the following tactics to resolve the uncertainty? (Screen 2 of 2)

Please select one best answer for each of the below ->

	Daily	At least once per week	At least once per month	At least six times per year	At least once per year	Less than once per year	Never
Discuss the case with another primary care physician	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discuss the case with a specialist (curbside consult)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Refer the patient to a specialist	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contact a laboratory professional (e.g., pathologist, laboratory technologist, etc.)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Order additional test(s)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Repeat the test(s)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reconsider the appropriateness of the original test(s) ordered	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another tactic (You will be asked to specify this tactic on the next screen, after indicating frequency of use.)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

8. Interpretation Uncertainty - Specify

- ▶ Please specify another tactic you use when you are uncertain about the interpretation of a clinical laboratory test(s) or the test results are inconsistent with your pretest suspected diagnosis.

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Practices in Laboratory Test Ordering and Result Interpretation

9. Interpretation Uncertainty

Please rate the usefulness of each of the following? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Extremely Useful	Very Useful	Somewhat Useful	Slightly Useful	Not at All Useful
Review <u>electronic</u> reference(s): professional articles, journals, newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review <u>paper</u> reference(s): professional articles, journals, newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Check practice guidelines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Review patient's history and physical findings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wait to see how the patient's presentation evolves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

9. Interpretation Uncertainty

Please rate the usefulness of each of the following? (Screen 2 of 2)

Please select one best answer for each of the below ->

	Extremely Useful	Very Useful	Somewhat Useful	Slightly Useful	Not at All Useful
Discuss the case with another primary care physician	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discuss the case with a specialist (curbside consult)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Refer the patient to a specialist	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contact a laboratory professional (e.g., pathologist, laboratory technologist, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Order additional test(s)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Repeat the test(s)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reconsider the appropriateness of the original test(s) ordered	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sample Tactic for Open Text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

10. Interpretation Challenges

Thinking about potential challenges in interpreting laboratory test results, please indicate how often each of the following is problematic? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once</u> per week	At least <u>once</u> per month	At least <u>six</u> times per year	At least <u>once</u> per year	Less than <u>once</u> per year	Never
Not enough information in the laboratory report	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Too much information in the laboratory report	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory report formats difficult to understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory-to-laboratory variation in reporting formats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory-to-laboratory variation in normal value ranges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty in communicating with laboratory professionals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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10. Interpretation Challenges

Thinking about potential challenges in interpreting laboratory test results, please indicate how often each of the following is problematic? (Screen 2 of 2)

Please select one best answer for each of the below - >

	Daily	At least <u>once</u> per <u>week</u>	At least <u>once</u> per <u>month</u>	At least <u>six</u> times per <u>year</u>	At least <u>once</u> per <u>year</u>	Less than <u>once</u> per <u>year</u>	Never
Not receiving results in a timely manner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Suspected errors in laboratory results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Previous tests results not easily available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Results inconsistent with the patient's symptoms and history	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another challenge (You will be asked to specify this challenge on the next screen, after indicating frequency.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

10. Interpretation Challenges - Specify

▶ Please specify another challenge in interpreting laboratory test results.

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Practices in Laboratory Test Ordering and Result Interpretation

11. Interpretation Challenges

Please rate how problematic each of the following is. (Screen 1 of 2)

Please select one best answer for each of the below ->

	Extremely Problematic	Very Problematic	Somewhat Problematic	Slightly Problematic	Not at All Problematic
Not enough information in the laboratory report	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Too much information in the laboratory report	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory report formats difficult to understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory-to-laboratory variation in reporting formats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory-to-laboratory variation in normal value ranges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty in communicating with laboratory professionals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation



11. Interpretation Challenges

Please rate how **problematic** each of the following is. (Screen 2 of 2)

Please select one best answer for each of the below ->

	Extremely Problematic	Very Problematic	Somewhat Problematic	Slightly Problematic	Not at All Problematic
Not receiving results in a timely manner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Suspected errors in laboratory results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Previous tests results not easily available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Results inconsistent with the patient's symptoms and history	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example Challenge for Open Text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

12. Test Utilization Enablers

Methods have been developed to assist physicians in more effective use of diagnostic laboratory testing. Please indicate which of these methods is available to you. Depending on your practice environment, there may be overlap in the definition of some of these methods. (Screen 1 of 2)

Please check the box to the right of each method that is available to you ->

Structured Requisitions: test ordering is guided by organizing tests into panels based on medical specialty or condition	<input type="checkbox"/>
Clinical Algorithms/Clinical Pathways: test ordering is guided, based on the patient's presentation, by decision trees within your local practice/institution	<input type="checkbox"/>
Guidelines: test ordering is guided, based on the patient's presentation, by decision trees published by specialty organizations/societies	<input type="checkbox"/>
Reflex Testing: pre-authorized follow-up testing that depends on results of initial tests	<input type="checkbox"/>
Electronic Prompts: pop-up messages about the appropriate test(s) for the patient's complaint or suspected diagnosis	<input type="checkbox"/>
Computerized Physician Order Entry (CPOE) <u>which incorporates guides</u> for physicians on appropriate test(s) to order based on the patient's presentation	<input type="checkbox"/>
Computerized Physician Order Entry (CPOE) <u>without guidance</u> for physicians on appropriate test(s) to order based on the patient's presentation	<input type="checkbox"/>

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Practices in Laboratory Test Ordering and Result Interpretation



12. Test Utilization Enablers

Please indicate which of these methods is available to you. Depending on your practice environment, there may be overlap in the definition of some of these methods. (Screen 2 of 2)

Please check the box to the right of each method that is available to you ->

Trending of Laboratory Results: graphical presentation of results over time	<input type="checkbox"/>
Interpretative Comments: written documentation included with test results that provides additional information on the meaning and/or follow-up for the results	<input type="checkbox"/>
Laboratory Hotline for physician questions	<input type="checkbox"/>
Information about Test Performance Characteristics: sensitivity, specificity, likelihood ratios	<input type="checkbox"/>
Another method <i>(You will be asked to specify this method on the next screen.)</i>	<input type="checkbox"/>

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Practices in Laboratory Test Ordering and Result Interpretation

12. Test Utilization Enablers - specify

- ▶ Please specify another method available to you to assist in more effective use of diagnostic laboratory testing.

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13. Test Utilization Enablers

How **often** do you use each of the following? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Daily	At least once per week	At least once per month	At least six times per year	At least once per year	Less than once per year	Never
Structured Requisitions: test ordering is guided by organizing tests into panels based on medical specialty or condition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical Algorithms/Clinical Pathways: test ordering is guided, based on the patient's presentation, by decision trees within your local practice/institution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Guidelines: test ordering is guided, based on the patient's presentation, by decision trees published by specialty organizations/societies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reflex Testing: pre-authorized follow-up testing that depends on results of initial tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic Prompts: pop-up messages about the appropriate test(s) for the patient's complaint or suspected diagnosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computerized Physician Order Entry (CPOE) <u>which incorporates guides</u> for physicians on appropriate test(s) to order based on the patient's presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computerized Physician Order Entry (CPOE) <u>without guidance</u> for physicians on appropriate test(s) to order based on the patient's presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

13. Test Utilization Enablers

How often do you use each of the following? (Screen 2 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once per week</u>	At least <u>once per month</u>	At least <u>six times per year</u>	At least <u>once per year</u>	Less than <u>once per year</u>	Never
Trending of Laboratory Results: graphical presentation of results over time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpretative Comments: written documentation included with test results that provides additional information on the meaning and/or follow-up for the results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory Hotline for physician questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about Test Performance Characteristics: sensitivity, specificity, likelihood ratios	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example Method for Open Text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

14. Test Utilization Enablers

Please rate the usefulness of each of the following. (Screen 1 of 2)

Please select one best answer for each of the below ->

	Extremely Useful	Very Useful	Somewhat Useful	Slightly Useful	Not at All Useful
Structured Requisitions: test ordering is guided by organizing tests into panels based on medical specialty or condition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical Algorithms/Clinical Pathways: test ordering is guided, based on the patient's presentation, by decision trees within your local practice/institution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Guidelines: test ordering is guided, based on the patient's presentation, by decision trees published by specialty organizations/societies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reflex Testing: pre-authorized follow-up testing that depends on results of initial tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic Prompts: pop-up messages about the appropriate test(s) for the patient's complaint or suspected diagnosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computerized Physician Order Entry (CPOE) <u>which incorporates guides</u> for physicians on appropriate test(s) to order based on the patient's presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computerized Physician Order Entry (CPOE) <u>without guidance</u> for physicians on appropriate test(s) to order based on the patient's presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

14. Test Utilization Enablers

Please rate the usefulness of each of the following. (Screen 2 of 2)

Please select one best answer for each of the below - >

	Extremely Useful	Very Useful	Somewhat Useful	Slightly Useful	Not at All Useful
Trending of Laboratory Results: graphical presentation of results over time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpretative Comments: written documentation included with test results that provides additional information on the meaning and/or follow-up for the results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory Hotline for physician questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about Test Performance Characteristics: sensitivity, specificity, likelihood ratios	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example Method for Open Text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

15. Laboratory Consultation

How **often** do you initiate communication with laboratory professionals concerning each of the following? (Screen 1 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once</u> per week	At least <u>once</u> per month	At least <u>six</u> times per year	At least <u>once</u> per year	Less than <u>once</u> per year	Never
Assistance with appropriate test ordering based on patient's symptoms and history	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical assistance regarding sample collection or submission	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Location of desired test(s) within a laboratory's test menu	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preliminary information when test result cycle is prolonged	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

15. Laboratory Consultation

How **often** do you initiate communication with laboratory professionals concerning each of the following? (Screen 2 of 2)

Please select one best answer for each of the below ->

	Daily	At least <u>once per week</u>	At least <u>once per month</u>	At least <u>six times per year</u>	At least <u>once per year</u>	Less than <u>once per year</u>	Never
Status of missing results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accuracy of test results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Medical or scientific opinion of significance of results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assistance with follow-up testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another reason (You will be asked to specify this reason on the next screen, after indicating frequency.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

15. Laboratory Consultation - Specify

▶ Please specify another reason you initiate communication with laboratory professionals.

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Practices in Laboratory Test Ordering and Result Interpretation

16. Laboratory Consultation

Please rate the helpfulness of communication with laboratory professionals regarding each of the following. (Screen 1 of 2)

Please select one best answer for each of the below ->

	Extremely Helpful	Very Helpful	Somewhat Helpful	Slightly Helpful	Not at All Helpful
Assistance with appropriate test ordering based on patient's symptoms and history	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical assistance regarding sample collection or submission	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Location of desired test(s) within a laboratory's test menu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preliminary information when test result cycle is prolonged	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation



16. Laboratory Consultation

Please rate the **helpfulness** of communication with laboratory professionals regarding each of the following. (Screen 2 of 2)

Please select one best answer for each of the below ->

	Extremely Helpful	Very Helpful	Somewhat Helpful	Slightly Helpful	Not at All Helpful
Status of missing results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accuracy of test results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Medical or scientific opinion of significance of results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assistance with follow-up testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example Reason for Open Text	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

17. Laboratory Consultation

There can be numerous reasons why physicians do not consult frequently with laboratory professionals. Please indicate the importance of each of the following reasons within your own experience. (Screen 1 of 1)

Please select one best answer for each of the below ->

	Extremely Important Reason	Very Important Reason	Somewhat Important Reason	Slightly Important Reason	Not an Important Reason at All
Do not know whom to contact	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Too difficult to get through to laboratory	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do not know if the laboratory has a person who can answer my questions	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Too difficult to contact person who can answer my questions	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do not have a working relationship with laboratory professionals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Previous experience suggests unreliable information	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another reason (You will be asked to specify this reason on the next screen, after indicating importance.)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

17. Laboratory Consultation - Specify

- ▶ Please specify another reason why physicians do not consult frequently with laboratory professionals.

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Practices in Laboratory Test Ordering and Result Interpretation

18. New Test Awareness

New diagnostic clinical laboratory tests emerge from research frequently, adding to the thousands of tests available. What sources of information about new tests are most useful to you? (Screen 1 of 1)

Please select one best answer for each of the below ->

	Extremely Useful	Very Useful	Somewhat Useful	Slightly Useful	Not at All Useful
Laboratory sales representatives	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory pathologists or scientists	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Colleagues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Continuing medical education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Printed professional articles, journals, and newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic professional articles, journals, newsletters, and e-mail notification	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another source (You will be asked to specify this source on the next screen, after indicating its usefulness.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Practices in Laboratory Test Ordering and Result Interpretation

18. New Test Awareness - Specify

- ▶ Please specify another source of information about new diagnostic clinical laboratory tests that is useful to you.

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Practices in Laboratory Test Ordering and Result Interpretation



19. About My Diagnostic Evaluation Processes

When faced with diagnostic uncertainty (difficult or unusual case), please indicate the frequency with which you use each of the following approaches. Rank the approach you use most often "1", rank the approach you use second most often "2", rank the approach you use third most often "3", and rank the approach you use least often "4". (Screen 1 of 1)

Please rank each of the four approaches below.

1 = my most frequently used approach

2 = my second most frequently used approach

3 = my third most frequently used approach

4 = my least frequently used approach

Order a battery of standard tests	<input type="checkbox"/>
Review reference materials before ordering tests	<input type="checkbox"/>
Ask a colleague before ordering tests	<input type="checkbox"/>
Refer the patient to a specialist	<input type="checkbox"/>

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Practices in Laboratory Test Ordering and Result Interpretation

20. About My Diagnostic Evaluation Process

For each of the following statements, please indicate how accurately it describes you. (Screen 1 of 2)

Please select one best answer for each of the below ->

	Extremely Well	Very Well	Somewhat Well	Slightly Well	Not at All
I am concerned about over-testing my patients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am concerned about under-testing my patients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I typically use a core set of 20 or fewer clinical laboratory diagnostic tests	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am always looking for information on new tests and how to incorporate them into my practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I use electronic resources (e.g., UpToDate, Dynamed, WebMD, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I always double-check with my resources or with another physician if I have any doubts about my decision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have worked out an effective way to access and utilize laboratory pathologists and scientists as a resource	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

20. About My Diagnostic Evaluation Process

For each of the following statements, please indicate how accurately it describes you. (Screen 2 of 2)

Please select one best answer for each of the below - >

	Extremely Well	Very Well	Somewhat Well	Slightly Well	Not at All
I feel stress when I am uncertain which test(s) to order or when I have difficulty interpreting tests	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would be reluctant to disclose my uncertainty about test ordering and/or interpretation to others	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think it would be a weakness to seek help in making decisions about test ordering or result interpretation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Even when I am confident in my pretest diagnosis, I keep thinking "what else could it be"	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another statement <i>(You will be asked to specify this statement on the next screen, after indicating how accurately it describes you.)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Practices in Laboratory Test Ordering and Result Interpretation

20. About My Diagnostic Evaluation Processes - Specify

▶ Please specify another statement that describes your diagnostic evaluation process.

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21. Practice Characteristics

How many different laboratories does your office use, in each of the following categories? (Screen 1 of 1)

(Please enter the appropriate number in each box below.)

▶ Number of commercial laboratories used by my office

▶ Number of physician office laboratories used by my office

▶ Number of hospital laboratories used by my office

▶ Number of another type of laboratory used by your office *(You will be asked to specify this other type on the next screen after entering the number.)*

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21. Practice Characteristics - Specify

▶ Please specify another type of laboratory your office uses.

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Practices in Laboratory Test Ordering and Result Interpretation

Demographic Information

▶ What is your gender?

- Male
 Female

▶ In what year were you born?

19

▶ What is the zip code of your primary practice location?

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Demographic Information

▶ How many years have you been in practice?

▶ What is your medical specialty?

- Internal Medicine
- Family Practice
- Other specialty *(You will be asked to specify this specialty on the next screen.)*

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Demographic Information - Specify

▶ Please specify your medical specialty.

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Demographic Information

▶ What professional organizations do you belong to?

Please click the box to the right of each professional organization to which you belong. ->

Society of General Internal Medicine (SGIM)

American Academy of Family Practice (AAFP)

American Medical Association (AMA)

Another professional organization *(You will be asked to specify this professional organization on the next screen.)*

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Demographic Information - Specify

▶ Please specify another professional organization to which you belong.

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Demographic Information

▶ Does your medical group have more than one practice site?

- Yes
 No

▶ What is the total number of family practice or internal medicine physicians at your practice site?

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Practices in Laboratory Test Ordering and Result Interpretation

Demographic Information

▶ What is the total number of family practice or internal medicine physicians in your medical group?

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Demographic Information

▶ What is the total number of specialists at your practice site?

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Demographic Information

▶ What is the total number of specialists in your medical group?

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Demographic Information

► What is your practice ownership?

- Physician or group of physicians
- Hospital
- Healthcare organization larger than one hospital
- Academic institution
- Another type of ownership *(You will be asked to specify this type of ownership on the next screen.)*

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Demographic Information - Specify

▶ Please specify your practice ownership type.

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Practices in Laboratory Test Ordering and Result Interpretation

Demographic Information

► Of all the tests that you order, what is the percentage breakdown? *(Must add to 100%)*

Diagnostic	<input type="text"/>
Routine screening	<input type="text"/>
Chronic disease monitoring	<input type="text"/>
Drug utilization monitoring	<input type="text"/>
Another type <i>(You will be asked to specify this type of test on the next screen.)</i>	<input type="text"/>
Total: 0%	

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Demographic Information - Specify

▶ Please specify another type of test that you order.

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Demographic Information

► What is the insurance status of your patient population? *(Must add to 100%)*

Private insurance	<input type="text"/>
Medicare	<input type="text"/>
Medicaid	<input type="text"/>
Uninsured	<input type="text"/>
Another status <i>(You will be asked to specify this status on the next screen.)</i>	<input type="text"/>
Total: 0%	

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Demographic Information - Specify

▶ Please specify another insurance status of your patient population.

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General Comments

- ▶ Please share any other comments you have about your challenges in clinical laboratory test ordering and/or result interpretation, in addition to processes that have been helpful to you in managing these challenges.

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Practices in Laboratory Test Ordering and Result Interpretation

We are grateful for your participation.

The Centers for Disease Control and Prevention thank you for your cooperation in completing this important survey. As a gesture of appreciation, we would like to contribute \$10.00 in your name to your choice of one of the charitable organizations listed below. Please indicate your selection. If you wish the donation to be made anonymously, check the additional box below.

▶ Please select one organization to receive a \$10.00 donation in your name.

- Charitable Organization #1
- Charitable Organization #2
- Charitable Organization #3
- Charitable Organization #4
- Charitable Organization #5

▶ If you wish the donation to be made anonymously, please check the box below.

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Please click the button below to close the questionnaire window.

Thank you.