

Clinician Perceptions and Use of Advanced Lipid Testing and Coronary Artery Calcium Scanning

Section 1: Demographics & Practice Characteristics

1. Your role:

- ☐ Physician (MD/DO)
- ☐ Nurse Practitioner (NP)
- ☐ Physician Assistant (PA)

2. Your primary specialty:

- ☐ Family Medicine
- ☐ Internal Medicine
- ☐ Cardiology
- ☐ Other (please specify): _____

3. Years in practice (post-training):

- ☐ 0–5 years
- ☐ 6–10 years
- ☐ 11–20 years
- ☐ 21+ years

4. Practice setting:

- ☐ Outpatient
- ☐ Inpatient
- ☐ Both Outpatient/Inpatient
- ☐ Other: _____

Section 2: Familiarity with Advanced Testing

6. How familiar are you with the following tests or markers?

(Rate from 1 = Not at all familiar to 5 = Very familiar)

Use 1-5 scale: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐

Test/Marker	1	2	3	4	5
ApoB (Apolipoprotein B)					
Lp(a) (Lipoprotein(a))					
Lipoprotein Fractionation					
Coronary Artery Calcium (CAC) scan					

Section 3: Utilization Patterns

7. Which of the following have you ordered in the past 12 months for lipid or ASCVD risk assessment? (Select all that apply)

- ☐ ApoB
- ☐ Lp(a)
- ☐ Lipoprotein Fractionation
- ☐ CAC scan
- ☐ None of the above

8. Is there one of these tests that you utilize more than the others?

- ☐ ApoB
- ☐ Lp(a)
- ☐ Lipoprotein Fractionation
- ☐ CAC scan
- ☐ None of the above

9. How often do you incorporate advanced lipid testing in your routine CVD assessment?

- ☐ Never
☐ Rarely
☐ Sometimes
☐ Often
☐ Always

10. How often do you order a CAC scan in your routine CVD assessment?

- ☐ Never
☐ Rarely
☐ Sometimes
☐ Often
☐ Always

11. Regarding the different ASCVD risk categories of patients, on whom would you order advanced lipid testing?

Test / Marker	Low (5%)	Borderline (5-7.5%)	Intermediate (7.5-20%)	High (>20%)	Very High (>2 ASCVD events)
ApoB (Apolipoprotein B)					
Lp(a) (Lipoprotein(a))					
Lipoprotein Fractionation					

12. Regarding different degrees of ASCVD risk categories of patients, how likely would you be to order a Coronary artery calcium scan.

Please answer: YES / NO

Test / Marker	Low (5%)	Borderline (5-7.5%)	Intermediate (7.5-20%)	High (>20%)	Very High (>2 ASCVD events)
CAC Scan	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO

13. What factors would make you consider ordering advanced lipid testing or CAC scans?

- ☐ Family History of CVD
- ☐ Patient's preference to avoid medication
- ☐ Difficult to treat hyperlipidemia
- ☐ Comorbid medical conditions
- ☐ Other (please Specify) : _____

Section 4: Perceptions and Attitudes

10. How useful do you believe the following are in risk stratifying patients for CVD?

(1 = Not useful, 5 = Extremely useful)

Test/Marker	1	2	3	4	5
ApoB (Apolipoprotein B)					
Lp(a) (Lipoprotein(a))					
Lipoprotein Fractionation					
Coronary Artery Calcium (CAC) scan					

11. Which of the following influences your decision to not order advanced lipid testing or CAC scans? (Select all that apply)

- ☐ Cost to patient
- ☐ Insurance coverage uncertainty
- ☐ Lack of familiarity/comfort interpreting results
- ☐ Belief that standard lipid panel is sufficient
- ☐ Perceived lack of guideline support
- ☐ Time constraints
- ☐ Lack of access to CAC scanning
- ☐ Not part of institution's protocol
- ☐ Other (please specify): _____

12. Do you believe current guidelines (e.g., ACC/AHA) provide clear direction on use of advanced lipid testing?

☐ Yes

☐ No

☐ Unsure

13. Would you be more likely to adopt these tools if you had: (Select all that apply)

☐ CME or formal training on interpretation and application

☐ Decision support tools in EHR

☐ Easier insurance coverage processes

☐ Stronger guideline endorsement

☐ Positive feedback from cardiology consults

☐ Other (please specify): _____

Section 5: Open Feedback

14. In your experience, what has helped or hindered your adoption of these tools? (Short answer)

15. What would make you more likely to incorporate advanced lipid testing or CAC scanning in your practice? (Short answer)

Thank you! Your responses will help improve clinical strategies for ASCVD risk assessment and patient care.