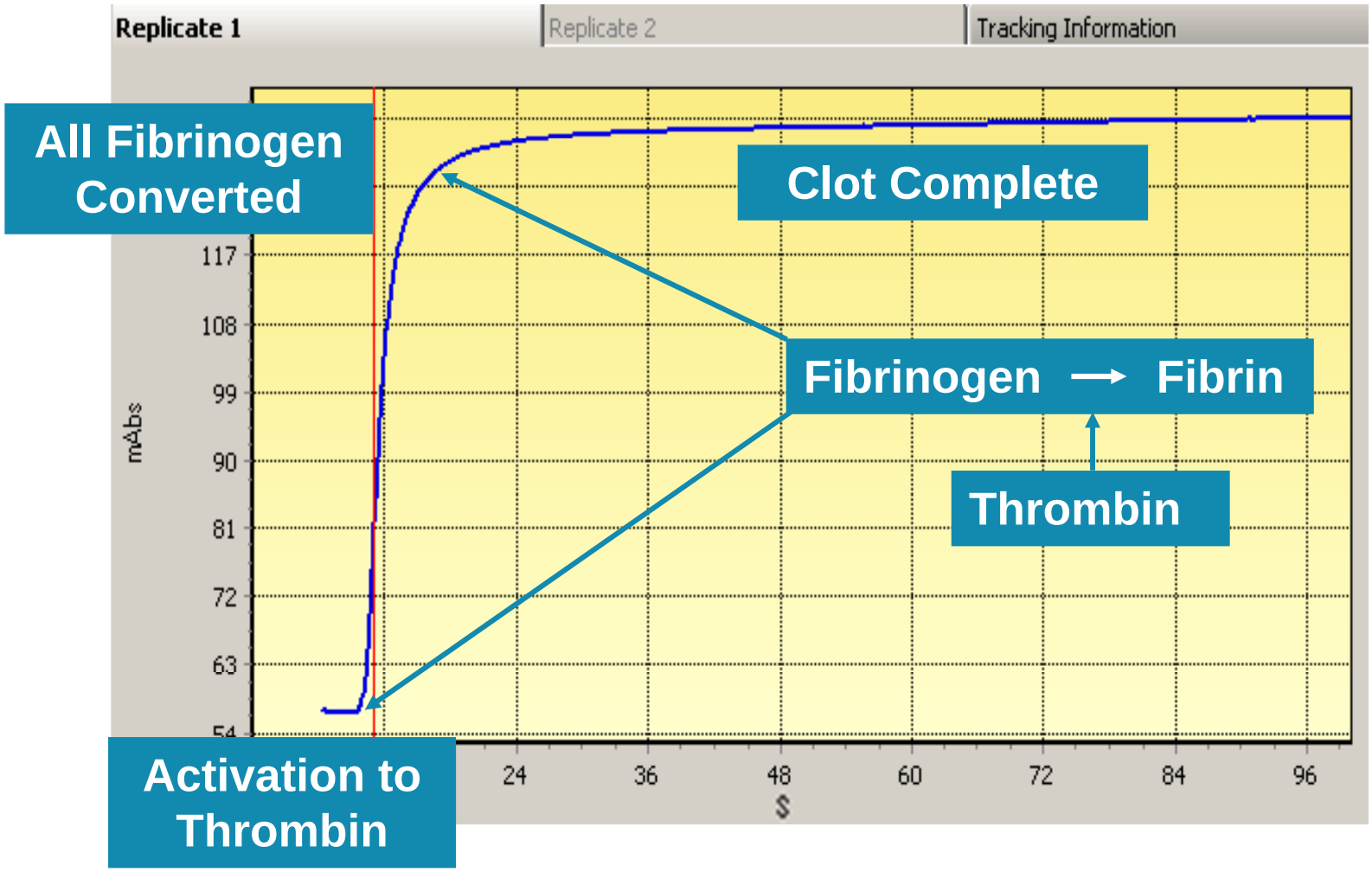
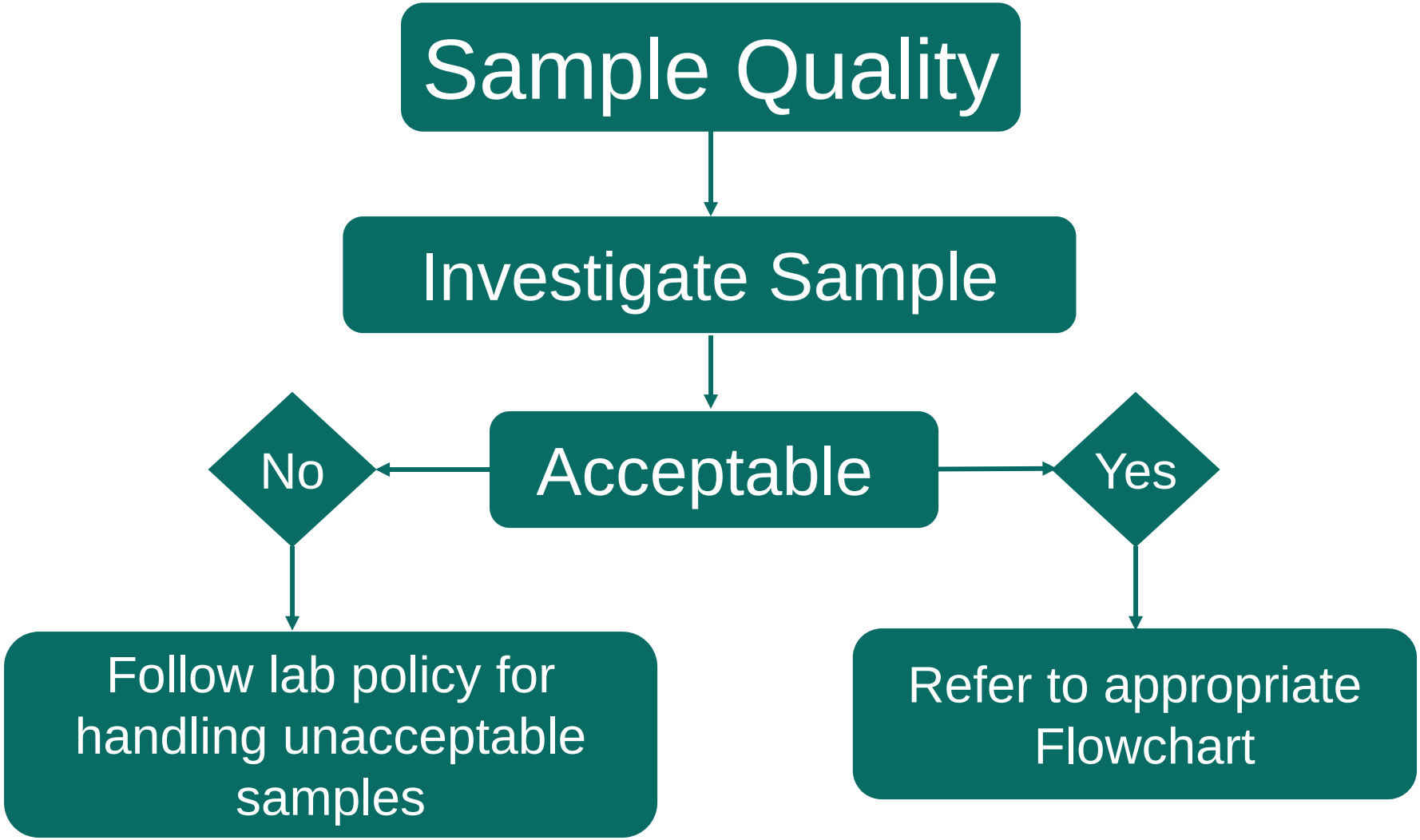
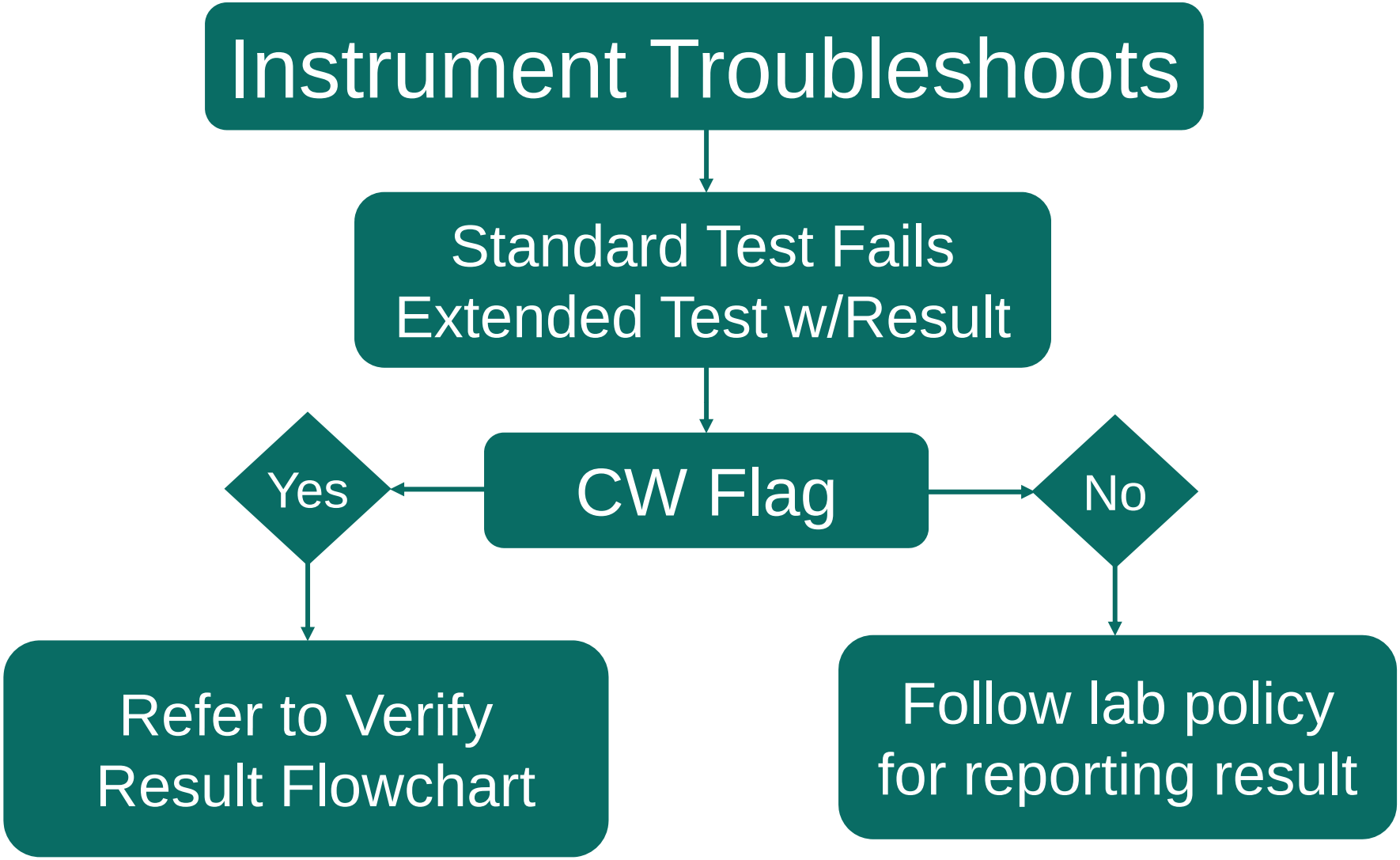
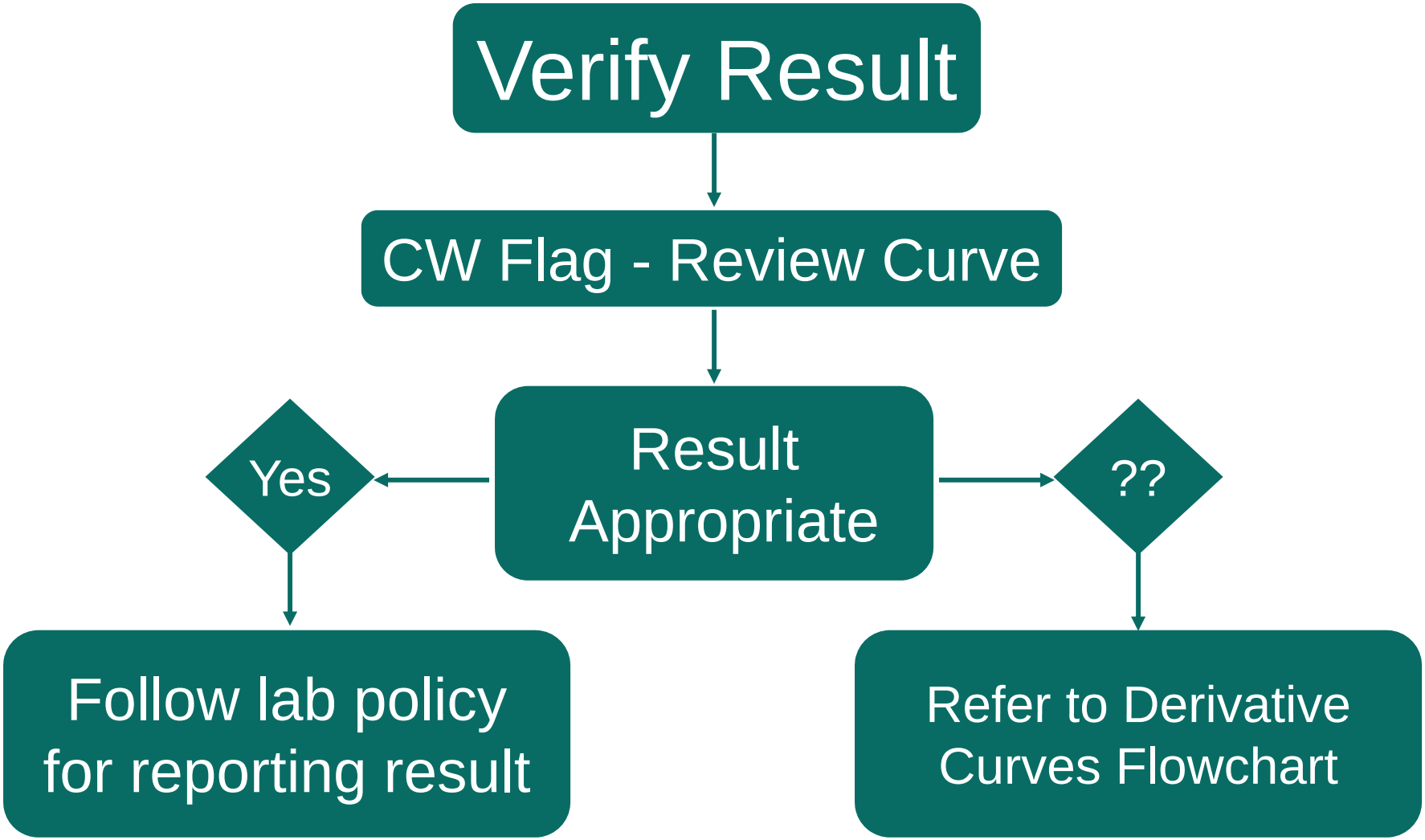
Clot Curve Phases



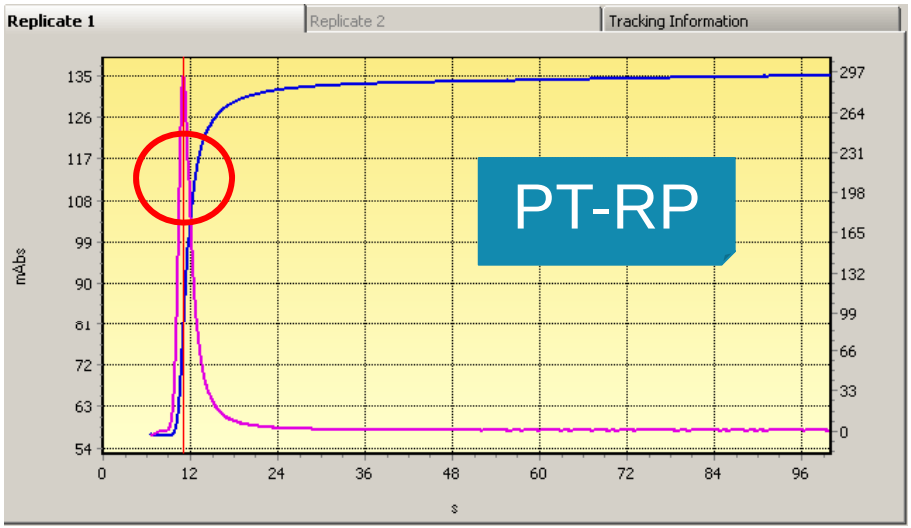

Sample Quality
Investigate Sample
Acceptable
No
Yes
Follow lab policy for handling unacceptable samples
Refer to appropriate Flowchart

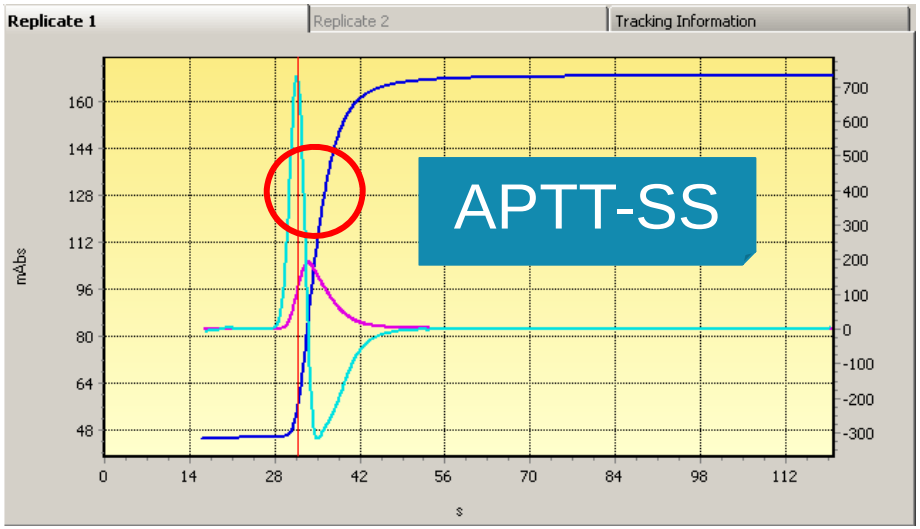

Instrument Troubleshoots
Standard Test Fails Extended Test w/Result
CW Flag
Yes
No
Refer to Verify Result Flowchart
Follow lab policy for reporting result

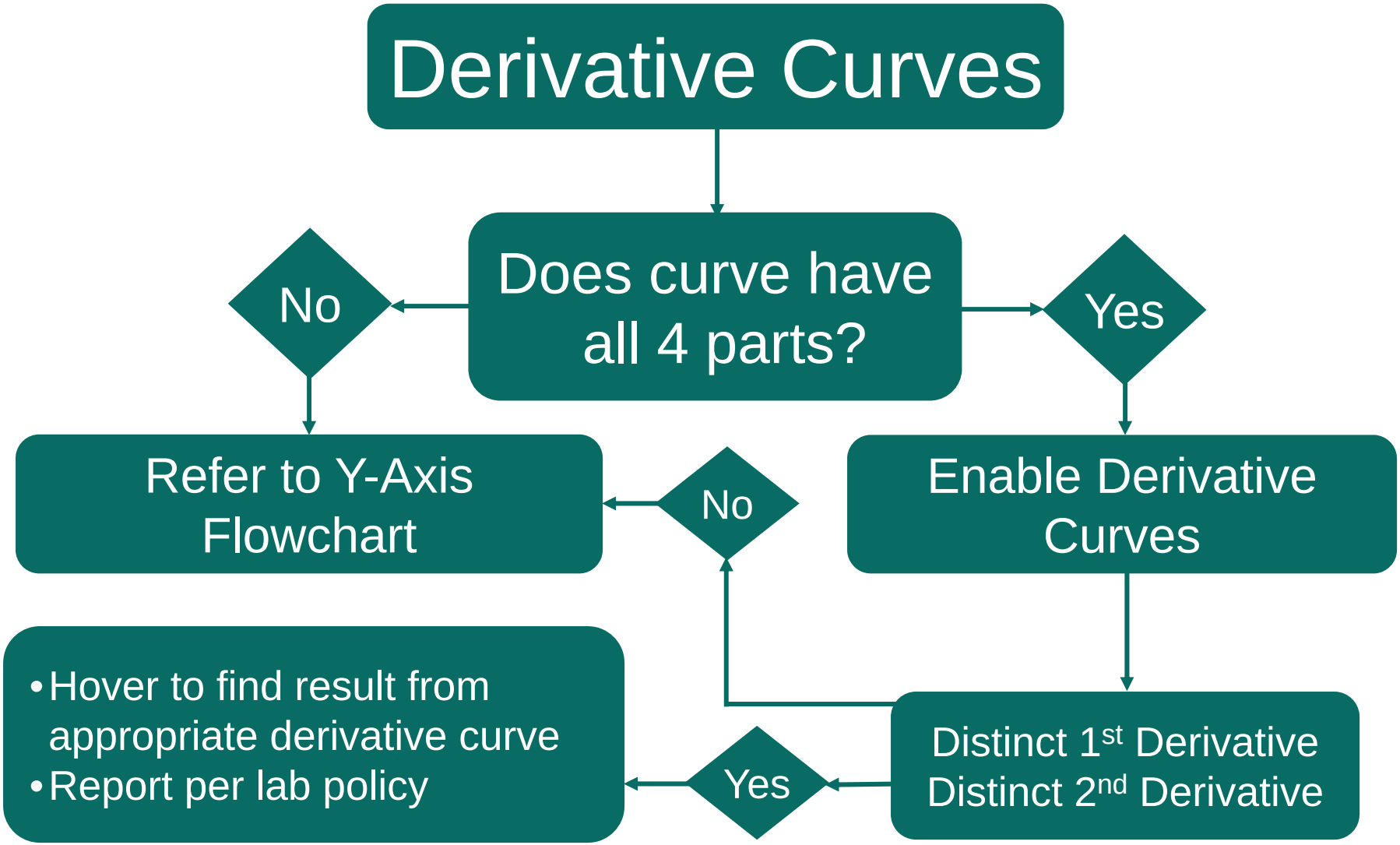

Verify Result
CW Flag - Review Curve
Result Appropriate
Yes
??
Follow lab policy for reporting result
Refer to Derivative Curves Flowchart

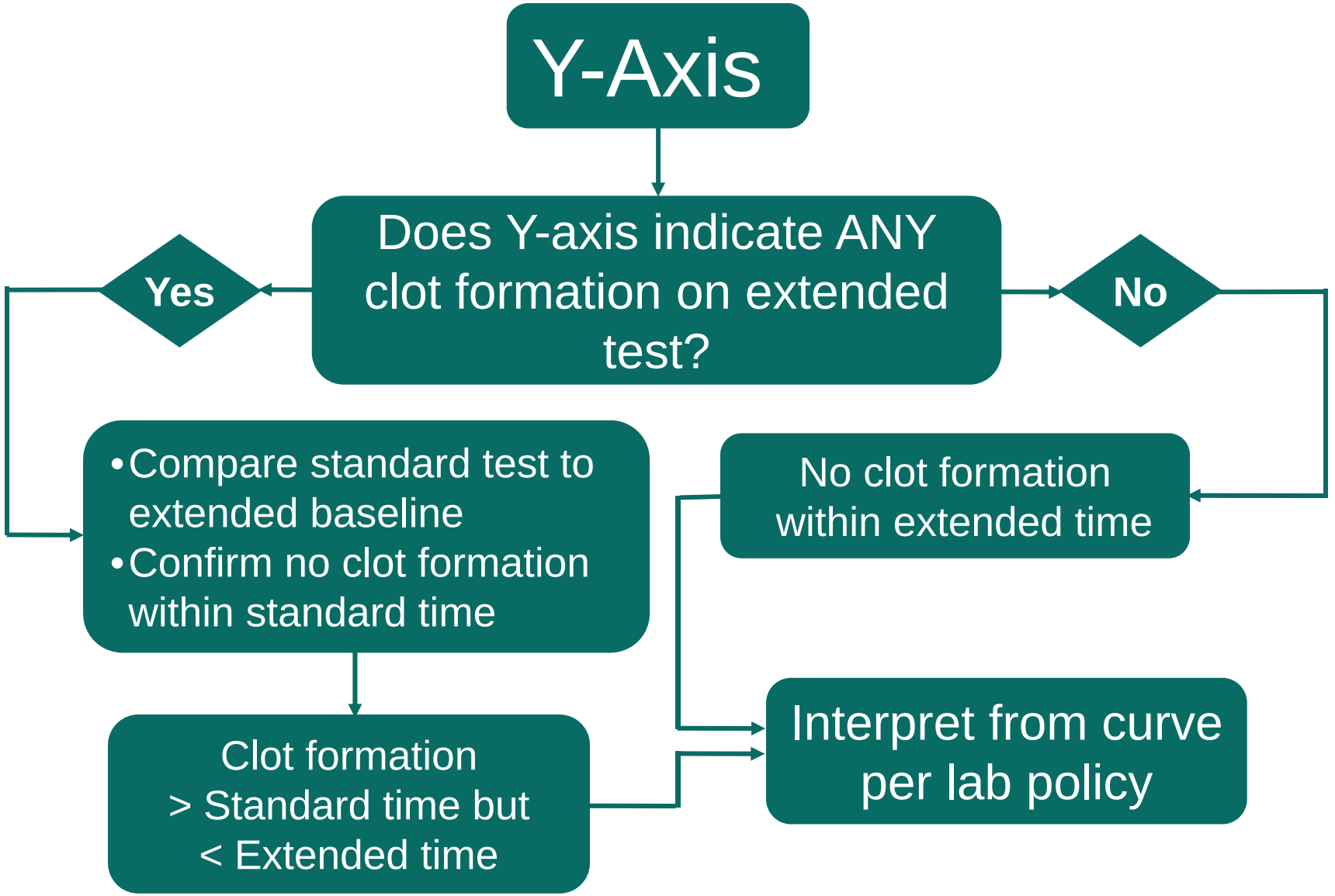
Derivative Curve Rules

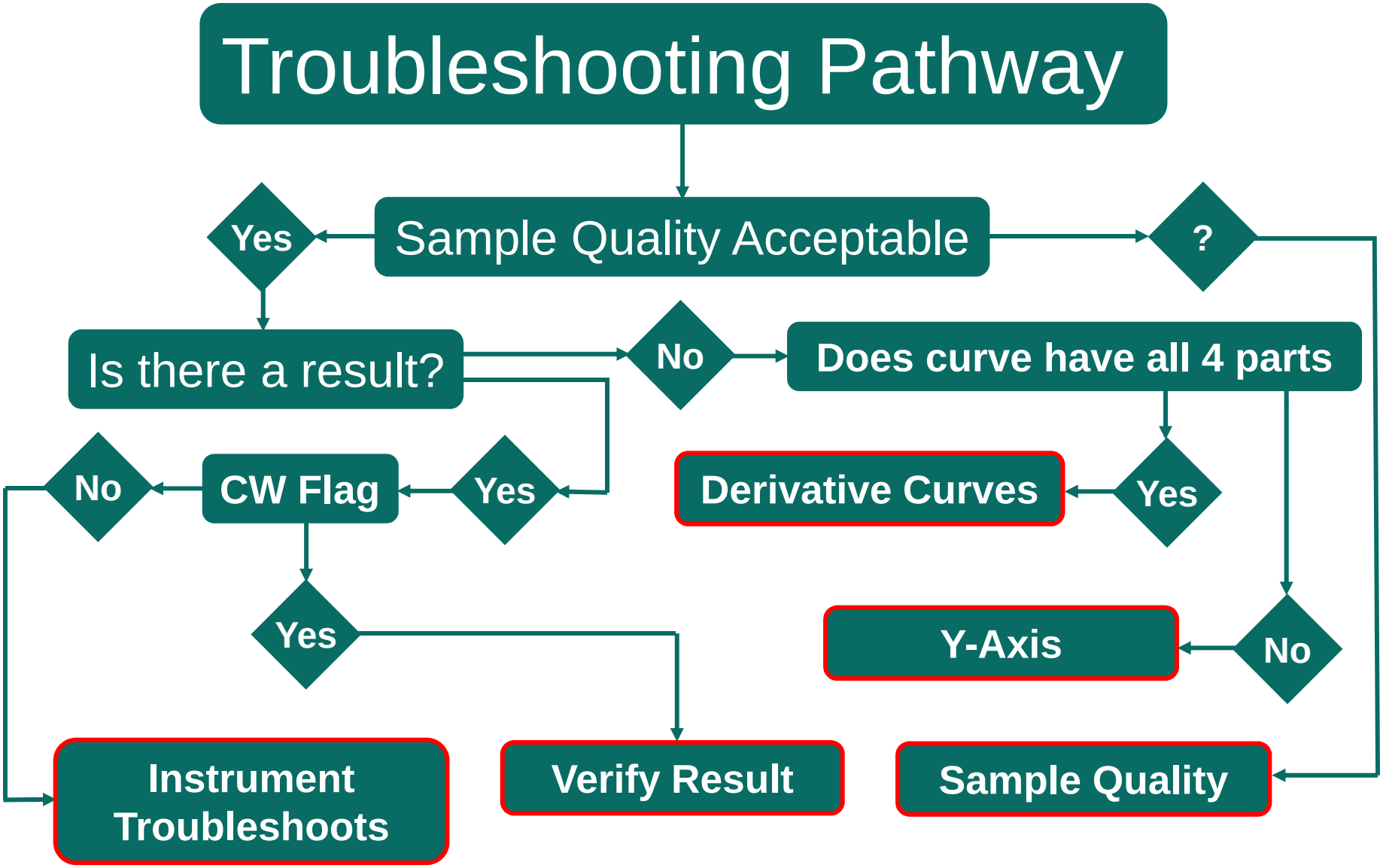
- Clot curve must have all 4 parts
- 1st derivative curve must have a distinct peak
- 1st & 2nd derivative curves must have a distinct peak






Derivative Curves
Does curve have all 4 parts?
No
Yes
Refer to Y-Axis Flowchart
No
Enable Derivative Curves
• Hover to find result from appropriate derivative curve
• Report per lab policy
Yes
Distinct 1st Derivative
Distinct 2nd Derivative


Y-Axis
Does Y-axis indicate ANY clot formation on extended test?
Yes
No
•Compare standard test to extended baseline
•Confirm no clot formation within standard time
No clot formation within extended time
Clot formation > Standard time but < Extended time
Interpret from curve per lab policy


Troubleshooting Pathway
Sample Quality Acceptable
Yes
?
Is there a result?
No
Does curve have all 4 parts
No
CW Flag
Yes
Derivative Curves
Yes
Yes
Y-Axis
No
Instrument Troubleshoots
Verify Result
Sample Quality

Curve Review Checklist

1. Does curve have all 4 parts?
   - If not, what curve parts present
2. What info is there?
   - Errors & Warnings
   - Y-Axis
3. Is result appropriate?
   - Even if FAILED
4. What next?
   - Rerun/reflex
   - Derivative Curves
   - Further investigation