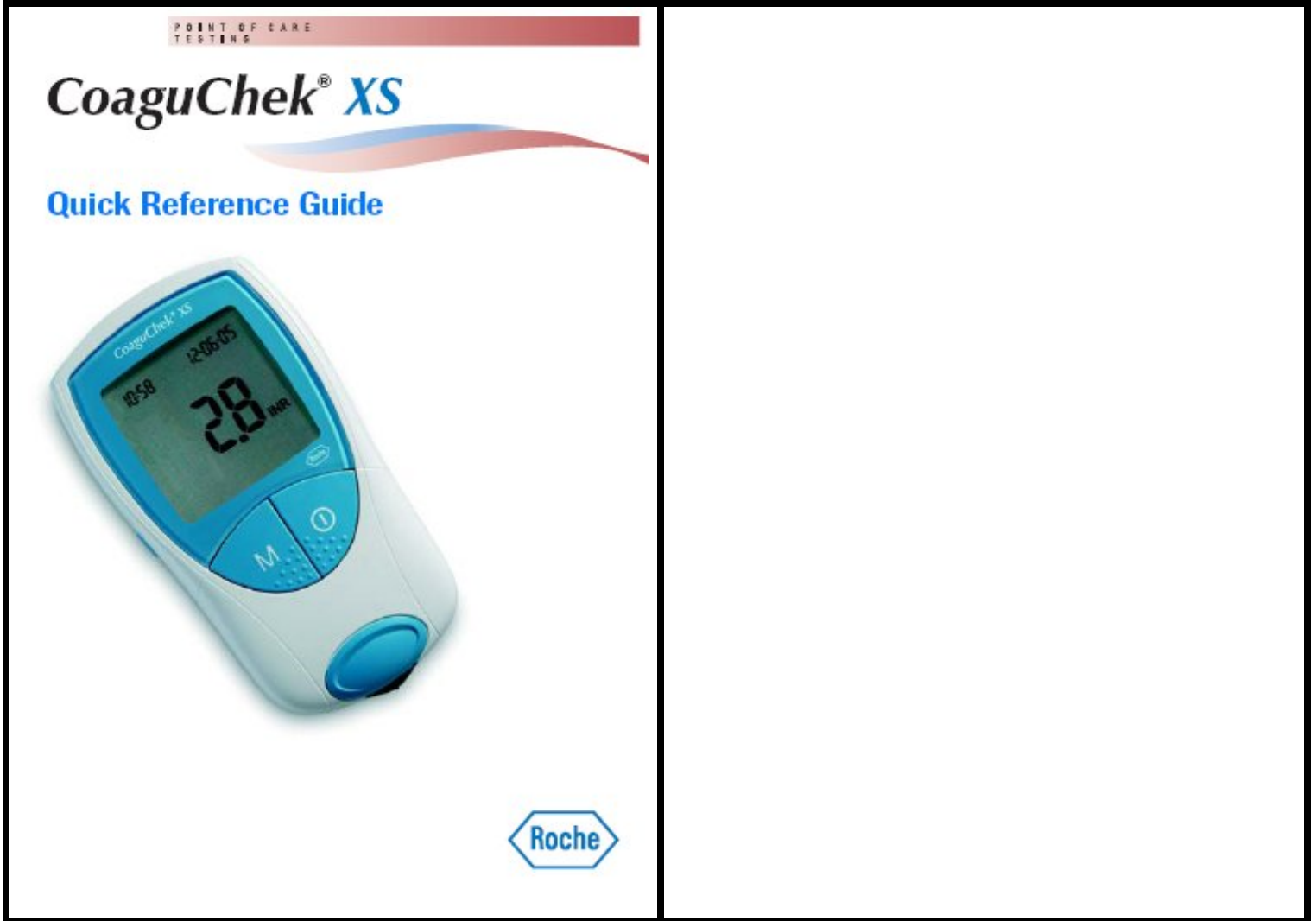


CoaguChek Outpatient Clinic: CoaguChek XS - Quick Reference Guide



CoaguChek XS Quick Reference Guide Page 1

CoaguChek[®] XS Monitor



A – DISPLAY

B - M (memory button)

- To recall results from memory
- To change monitor settings

C – On/Off button

D – Measurement chamber Cover

E – Test Strip Guide

F – Battery Cover




G – Code Chip slot

H – Set button






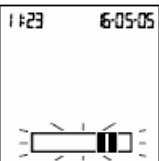

- To enter or change the monitor settings
-

I – Infrared Window






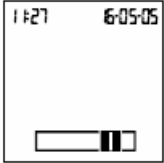
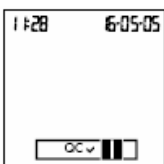
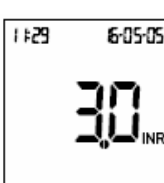
- To transfer stored data

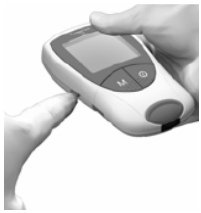


CoaguChek[®]XS Changing the Chip Code	
	Remove the old Code Chip & discard.
	<p>Confirm New Code Chip matches the Code # on the test strip container.</p> <p><i>Note: Each Code Chip belongs to a different Lot # of Test Strips.</i></p> <p>Do Not Continue With Testing If The CODE CHIP Does Not Match.</p>
	<p>Slide New Code Chip into the slot on the side of the monitor.</p> <p><i>Note: When the CoaguChek XS is turned on it will display the newly inserted Code Chip #.</i></p>

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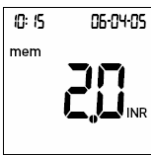
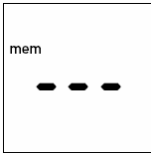
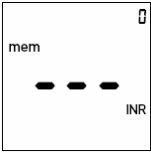

CoaguChek[®] XS Patient Testing		
<p>1a.</p> 	<p>1b.</p> 	<p>1c.</p> 
<p>2.</p> 	<p>Wash hands with soap & water before testing.</p> <ol style="list-style-type: none"> 1. Assemble Supplies. <ol style="list-style-type: none"> a. Test Strip Container. b. Check Code Chip Lot #. c. Prepare Lancing Device. d. 70% isopropyl alcohol wipe. 2. Turn CoaguChek On. <ul style="list-style-type: none"> ○ Monitor on a flat surface. 3. Check Date & Time on display. 4. Flashing test strip symbol prompts to insert a test strip. <ul style="list-style-type: none"> ○ Remove test strip from container & immediately replace lid. 5. Insert the test strip into the CoaguChek XS in the direction of the arrows. <ul style="list-style-type: none"> ○ Beep tone indicates detection of the test strip. 	
<p>3.</p> 		
<p>4.</p> 		
<p>5.</p> 		

CoaguChek XS Quick Reference Guide Page 4



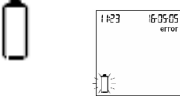
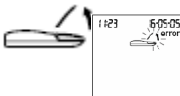


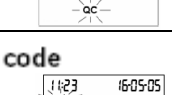
CoaguChek[®] XS Patient Testing contd.		
<p>6. </p>	<p>7. </p>	<p>8. </p>
<p>9.  </p>	<p>6. Code Chip # flashes.</p> <ul style="list-style-type: none"> ○ Press “M” to confirm Code # is correct. ○ Hourglass symbol displays to show that test strip is warming up. <p>7. 180 second countdown when test strip is warm.</p> <ul style="list-style-type: none"> ○ Time to apply blood. <p>8. Prepare finger for testing.</p> <ul style="list-style-type: none"> ○ Swab with alcohol wipe. ○ Air dry. ○ Prick side of fingertip with lancing device. <p>9. Use gentle pressure to form a drop of blood.</p> <ul style="list-style-type: none"> ○ Apply first drop of blood onto the test strip. 	
<p>10. </p>	<p>10. Measurement starts.</p>	
<p>11. </p>	<p>11. Automatic Quality Control check display & test begins.</p>	
<p>12. </p>	<p>12. Result is displayed.</p> <ul style="list-style-type: none"> ○ Record the result. ○ Discard test strip. 	

CoaguChek[®] XS Setting up the Monitor		
Setting	Choose Option	Presetting
Date	Day-Month-Year	31-12-00
Time	24-hour format	24h
Unit	INR	INR
Beep Tone	On	ON
Therapeutic Range	Off	Off
	<p>Press SET button on the left side of the monitor.</p> <p>Continue to press the Set button to move to the next setting. (date, time, unit, beep tone, range).</p>	
	<p>Press the "M" to change a setting.</p>	
	<p>Press the Set button again to confirm the current setting & to move onto the next setting.</p>	








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CoaguChek[®]XS Test Memory	
<p>1. </p>	<p>Viewing Test Results:</p> <ol style="list-style-type: none"> 1. Monitor is held or placed horizontally. 2. Press the M button to put the monitor in Memory Mode. <ul style="list-style-type: none"> ○ Displays most recent result with date/time. ○ Display shows “mem” to indicate this is a result from memory. ○ Press the M button again to access further results. 3. Monitor display when all results have been displayed. 4. If no result is saved, the display is similar, but has a “0” in the top right corner. <p><i>Note: Memory holds 100 test results.</i></p>
<p>2. </p>	
<p>3. </p>	
<p>4. </p>	
<p></p>	<p>To delete all tests in memory:</p> <ul style="list-style-type: none"> ○ Press the M button. ○ Then press the On button. ○ Hold both buttons for 5 seconds. <p><i>Note: It is advisable NOT to delete test results.</i></p>

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CoaguChek[®]XS Errors & Solutions		
Symbol Flashing	Description	Solution
	Test strip in monitor, or incorrect type of test strip, not a CoaguChek XS PT test strip.	Remove test strip. Message disappears. Monitor is ready. Use correct test strip.
	Monitor too warm or too cold.	Turn monitor off. Allow to stand for 30 minutes @room temp
	Battery level too low.	Insert new batteries.
	Measurement chamber cover open.	Close measurement chamber cover. Message disappears. Monitor is ready.
	Infrared download error. N/A @ C&W	Turn monitor off. Message disappears. Monitor is ready.
	Quality Control (QC): test strip unusable.	Turn monitor off. Repeat test with a new test strip.
	Code Chip error; missing, damaged or not properly inserted.	Insert the code chip, or remove it & re-insert it.

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CoaguChek®XS Errors & Solutions contd.		
Symbol Flashing	Description	Solution
Error Number 000 	Allowed time for blood application is exceeded.	Turn monitor off. Repeat test with a new test strip.
Error Number 3 	Test Strip is beyond its expiry date.	Check date setting on monitor. Reset if not correct. If correct, use New Lot #.
Error Number 4 	Test strip unusable.	Turn monitor off. Re-insert original test strip, or new if error appears again.
Error Number 5 	Blood application error. Error applying blood to the test strip.	Turn monitor off. Repeat the test with a new test strip.
Error Number 6 	Measurement error. Test strip moving. Measurement error INR may be > 8.0	Turn monitor off. Repeat test with a new test strip and new puncture site.
Error Number 7 	Measurement error resulting from the blood sample INR may be > 8.0	Do not move the test strip during testing. If error persists, consult physician for immediate testing at a Laboratory.
Error Number 8 	Diagnostic testing error during internal diagnostic test. <i>Note: If error persists the monitor has a fault. Contact C&W.</i>	Turn monitor off. Remove batteries, wait minimum 1 minute & reinsert. Reset date/time. Repeat the test.

CoaguChek[®] XS Maintenance

Maintenance & Cleaning of the Monitor

To Clean & Disinfect the outside of the monitor:

- Use a mild soap with water lightly moistened on tissue.
- To disinfect use 95 % isopropyl alcohol.

Maintenance & Cleaning the Test Strip Guide



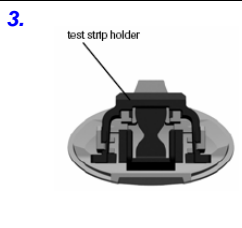
1. Remove measurement chamber cover with test strip guide.

- Rinse chamber cover with water & dry.
- Disinfect with 70% isopropyl alcohol.



2. Clean exposed white area with lint-free swab or tissue.

- Clean with water & dry.
- Disinfect with 70% isopropyl alcohol.



- Let dry for a minimum of 10 minutes.

3. Re-attach chamber cover & snap in place.

Note: At any time do not use sprays of any sort, or allow water to enter the monitor.

What to do with your INR Result?

Call the INR test result to B.C.Children's Hospital as follows:

Monday or Fridays: Call 8-4 pm 604-875-2345 ext: 7060

Tues, Wed, & Thurs: Call 9-5 pm 604-875-2345 ext: 7058

Weekends/Evenings: Hematologist on call @ 604-875-2161

You/ Your Child has a target INR range of _____.

Here is what to do:

If INR test is inside the range:

- **Call with the result. You can leave a message.**
- **Give medication as usual.**
- **If you do not hear back from the clinic by the end of next day call the result in again. You can leave a second message.**

If the INR test is outside the range:

- **Repeat the test on a new puncture to confirm the result.**
- **Call with the result. You can leave a message.**
- **Do not give the medication until you hear from us that day. The dose may need to be adjusted.**
- **If you do not hear back from the clinic by 5 pm that day page the Hematologist on call @ 604-875-2161.**

If the INR test is > 5.0 you must notify the Hematologist on call.

Medication administration:

- **Warfarin should be given in the evening at a regularly scheduled time.**
- **If you are on a weekly or monthly schedule, try to do the INR test on a Tuesday morning. This helps to ensure all results are dealt with in a timely manner.**

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CoaguChek® XS PT INR Patient Record				
Patient Name				
Contact #:				
Monitor		Serial No.	Clinic No.	
DATE	TIME	PT INR	DOSE	NOTES

CoaguChek XS Quick Reference Guide Page 12, 2nd printing. June, 2009.

<i>CoaguChek[®]XS PT INR Patient Record</i>				
Patient Name				
Contact #:				
Monitor		Serial No.	Clinic No.	
DATE	TIME	PT INR	DOSE	NOTES

CoaguChek XS Quick Reference Guide Page 13, 2nd printing. June, 2009.

Coaguchek[®] XS PT INR Patient Record				
Patient Name				
Contact #:				
Monitor		Serial No.	Clinic No.	
DATE	TIME	PT INR	DOSE	NOTES

Coaguchek® XS PT INR Patient Record				
Patient Name				
Contact #:				
Monitor		Serial No.	Clinic No.	
DATE	TIME	PT INR	DOSE	NOTES

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Property of Thrombosis Clinic
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Vancouver, BC V6H 3V4
604-875-2345 ext 7058

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June 2013 (5^d printing).

CoaguChek XS Quick Reference Guide Page 16, 5th printing. June, 2013

REVISION & APPROVAL LOG

Version	Revision Type	Description of Change	Revision Date	Technical Approval	Medical Approval
1.0		New document	June 2008	Elvira Kozak	Dr. Cathy Halstead
1.1	Minor	Provincial Template Form; Change of disinfecting, cleaning agent from 70% to 95% isopropyl alcohol. Dated document printing.	June 2009	Elvira Kozak	
1.2	Minor	Include with CoaguChek XS Plus documentation; revert disinfecting, cleaning agent back to 70% isopropyl alcohol. Dated Document printing – 3 rd . printing December 2010	Dec 2010	Elvira Kozak	
1.3	Minor	Error 6 update; “Error 6” may indicate an INR > 8.0. June 2013 RR2013-16/PAN13-06_D	20 June 2013	Elvira Kozak	
1.4	Minor	Document title and number change. Upload to QMS document control	28 Dec 2016		Dr. Benjamin Jung

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