

Appendix M - Notification of individual results templates

This appendix contains the following example letters for notification of individual results:

- Letter to Physician for Normal Blood Results
- Letter to Physician for Elevated Blood Results
- Letter to Parent of Participant for Normal Blood Results
- Letter to Parent of Participant for Elevated Blood Results
- Letter to Parent of Participant for Normal Blood Results- no consent to send to physician
- Letter to Parent of Participant for Elevated Blood Results- no consent to send to physician

Physician Letter- Normal Results	A1
Physician Letter- Elevated Results	B1
Parent Letter- Normal Results	C1
Parent Letter- Elevated Results	D1
Parent Letter (no consent for Physician notice)- Normal Results	E1
Parent Letter (no consent for Physician notice)- Elevated Results	F1

Letter to Physician for Normal Results – PLACE ON LETTERHEAD

Child Results Notification

MM/DD/YYYY

Physician's Name: «Physician name»

Patient's First Name: John
 Patient's Last Name: Doe
 Patient's Address: 123 Street Lane, Flin Flon
 Patient's Date of Birth: MM/DD/YYYY
 Parent/Guardian: Insert Name of parent/guardian

Dear «Physician»:

Your patient recently participated in a follow-up evaluation of lead exposure in children (under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan. As part of this evaluation your patient provided a capillary blood sample which was analyzed for lead. The results of this test for this patient's sample have already been provided to the parent/guardian, and are as follows:

Test type	Patient's Level	Follow-up Level	Reference Level
Blood lead	x µg/dL	3.5 µg/dL	Overall levels in the general population of children and non-occupationally exposed adults are usually below 5 µg/dL ¹ . In 2009, 87% of children tested in Flin Flon had a level below 5 µg /dl.

Two reference values are provided. The first is the “follow-up level”. This value is the 95th percentile obtained in the present study, and has been selected as the level above which medical follow-up is recommended. Your patient's result is **below** this level. The second “reference level” is the level observed at broader population levels.

These results indicate that your patient is not at any additional risk for health effects at his or her current level of exposure when compared to levels observed in communities with similar characteristics.

If you have any questions with respect to the study or any of your individual patients' result or would like to discuss these results, please do not hesitate to contact me at (403) 451-0097.

¹ Note this value reflects the 97.5th percentile for children ages 1-5 in the US population as referenced in: CDC (2012) Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention. Accessed in: http://www.cdc.gov/nceh/lead/ACCLPP/Final_Document_030712.pdf

The overall community results will be presented early in 2013. We will send a summary of the results of the overall study to your office at that time.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Lee'.

Murray Lee, MD
Principal Investigator
Follow-up Evaluation of Lead Exposure in Children (under 7) in Flin Flon, Manitoba and
Creighton, Saskatchewan

ID #: «Reference __xxx_x»

Letter to Physician for Elevated Results

Child Results Notification

MM/DD/YYYY

Physician's Name: «Physician name»

Patient's First Name: John
 Patient's Last Name: Doe
 Patient's Address: 123 Street Lane, Flin Flon
 Patient's Date of Birth: MM/DD/YYYY

Dear «Physician»:

Your patient has recently participated in a follow-up evaluation of lead exposure in children (under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan. As part of this evaluation your patient provided a capillary blood sample. The blood sample was analyzed for lead. The results of this test for this patient's sample, which have been sent to the patient's parent/guardian <insert name of parent/guardian>, are as follows:

Test type	Patient's Level	Follow-up Level	Reference Level
Blood lead	x µg/dL	3.5 µg/dL	Overall levels in the general population of children and non-occupationally exposed adults are usually below 5 µg/dL ² . In 2009, 87% of children tested in Flin Flon had a level under 5 µg /dl.

Two reference values are provided. The first is the "follow-up level". This value is the 95th percentile obtained in the present study, and has been selected as the level above which medical follow-up is recommended. Your patient's result is **above** this level. The second "reference level" is the level observed at broader population levels. These results indicate that more information is required to understand your patient's current level of exposure. The next step would be to consider if these results need to be confirmed with a follow-up test (i.e. venous blood draw for lead).

While this study is intended to investigate the impact of soil contamination, there are a number of factors that can cause elevated lead levels in children, including:

- 1) Exposure to tobacco smoke is a potential source of exposure to lead.

² Note this value reflects the 97.5th percentile for children ages 1-5 in the US population as referenced in: CDC (2012) Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention. Accessed in: http://www.cdc.gov/nceh/lead/ACCLPP/Final_Document_030712.pdf

- 2) Iron deficiency may result in increased absorption of other metals and an elevation of lead. Treatment of iron deficiency may lower an elevated blood lead level.
- 3) Correction of underlying nutritional disorders may lower lead levels.
- 4) Chronic disease (e.g. kidney or liver disease) may alter levels of metals in blood.

I will be contacting you shortly by phone to answer any questions you may have with respect to the study or any of your individual patients' results. In the mean time, if you have any questions, or would like to discuss these results, please do not hesitate to contact me at (403) 451-0097.

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Murray Lee, MD
Principal Investigator
Follow-up Evaluation of Lead Exposure in Children (under 7) in Flin Flon, Manitoba and
Creighton, Saskatchewan

ID #: «Reference__xxx_x»

Letter to Parent of Participant for Normal Results

Child Results Notification

MM/DD/YYYY

Parent's Name: <<parent's name>>

First Name: John
 Last Name: Doe
 Address: 123 Street Lane, Flin Flon
 Physician: Dr. Doctor (to whom the results where sent)

Dear <<parent's name>>,

As you may recall, <<child's name>> recently participated in a follow-up evaluation of lead exposure in children (under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan. As part of this evaluation your child provided a blood sample. The blood sample was analyzed for lead. This letter provides you with the results of the test carried out on your child's sample. These results have also been sent to the physician you indicated on the consent form that you signed prior to the household interview.

Your child's result for lead is within the reference range of normal values seen in children and adults in other communities across Canada. Your child's test level is indicated in the second column in the table below.

Test type	Child's Level	Follow-up Level	Reference Level
Blood lead	x µg/dL	3.5 µg/dL	Overall levels in the general population of children and adults who are not exposed to lead at work are usually below 5 µg/dL ³ . In 2009, 87% of children tested in Flin Flon had a levels under 5 µg /dl.

These results indicate that your child is not at any additional risk for health effects at his or her current level of exposure when compared to levels observed in communities with similar characteristics.

If you have any questions, or would like to discuss these results, please do not hesitate to contact me at (403) 451-0097.

The overall community results will be presented early in 2013. We will send a summary of the results of the overall study to you at that time.

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Sincerely,



Murray Lee, MD
Principal Investigator
Follow-up Evaluation of Lead Exposure in Children
(under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan

ID #: «Reference__xxx_x»

Letter to Parent of Participant for Elevated Results

Draft Child Results Notification

MM/DD/YYYY

Parent's Name: <<parent's name>>

First Name: John
 Last Name: Doe
 Address: 123 Street Lane, Flin Flon
 Physician: Dr. Doctor (to whom the results were sent)

Dear <<parent's name>>,

As you may recall, << child's name>> recently participated in a follow-up evaluation of lead exposure in children (under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan. As part of this evaluation your child provided a blood sample to be analyzed for lead. This letter provides you with the results of the test carried out on your child's sample. These results have also been sent to the physician indicated on the consent form that you signed prior to the household interview.

Your child's test levels are indicated in the second column in the table below.

Test type	Child's Level	Follow-up Level	Reference Level
Blood lead	x µg/dL	3.5 µg/dL	<p>Overall levels in the general population of children and adults who are not exposed to lead at work are usually below 5 µg/dL⁴.</p> <p>In 2009, 87% of children tested in Flin Flon had a levels under 5 µg /dl.</p>

Your child's results for lead is above the level at which we recommend follow-. This does not mean that your child is at risk of any health effect from this level. Similar levels may be found occasionally in individuals in other communities with no history of soil contamination.

Based on the value that was measured for lead, we suggest that you review these results with your family physician to determine if any follow up is necessary.

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If you have any questions, or would like to discuss these results, please do not hesitate to contact me at (403) 451-0097.

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Follow-up Evaluation of Lead Exposure in Children
(under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan

ID #: «Reference__xxx_x»

Letter to Parent of Participant for Normal Results- No Physician Information

Child Results Notification

MM/DD/YYYY

Parent's Name: <<parent's name>>

First Name: John
 Last Name: Doe
 Address: 123 Street Lane, Flin Flon

Dear <<parent's name>>,

As you may recall, <<child's name>> recently participated in a follow-up evaluation of lead exposure in children (under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan. As part of this evaluation your child provided a blood sample to be analyzed for lead. This letter provides you with the result of the test carried out on your child's sample. As you requested at the time of the interview, this result has not been sent to a physician.

Your child's result for lead is within the reference range of normal values seen in other communities. Your child's test level is indicated in the second column in the table below.

Test type	Child's Level	Follow-up Level	Reference Level
Blood lead	x µg/dL	3.5 µg/dL	Overall levels in the general population of children and adults who are not exposed to lead at work are usually below 5 µg/dL ⁵ . In 2009, 87% of children tested in Flin Flon had a levels under 5 µg /dl.

These results indicate that your child is not at any additional risk for health effects at his or her current level of exposure when compared to levels observed in communities with similar characteristics.

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ID #: «Reference__xxx_x»

Letter to Parent of Participant for Elevated Results- No Physician Information

Draft Child Results Notification

MM/DD/YYYY

Parent's Name: <<parent's name>>

First Name: John
 Last Name: Doe
 Address: 123 Street Lane, Flin Flon

Dear <<parent's name>>,

As you may recall, << child's name>> recently participated in an follow-up evaluation of lead exposure in children (under 7) in Flin Flon, Manitoba and Creighton, Saskatchewan. As part of this evaluation your child provided a blood sample. The blood sample was analyzed for lead. This letter provides you with the results of the test carried out on your child's sample. As you requested at the time of the interview, this result has not been sent to a physician.

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Your child's result for lead is above the level at which we recommend follow-up.. This does not mean that your child is at risk of any health effect from this level. Similar levels may be found occasionally in individuals in other communities with no history of soil contamination.

Based on the value that was measured for lead, we suggest that you review these results with your family physician to determine if any follow up is necessary.

If you have any questions, or would like to discuss these results, please do not hesitate to contact me at (403) 451-0097.

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