



Ontario Newborn Screening Program

Children's Hospital of Eastern Ontario

Department of Genetics

401 Smyth, Ottawa Ont. K1H 8L1

BULLETIN #29 – August 1, 2008

Changes to Newborn Screening Reports

The Ontario Newborn Screening Program is pleased to announce that we have updated our report format. The changes (please see next page for a picture) are as follows:

1. Redesign of the header and addition of new information, such as the infant's gender and the "submitting health care provider"
2. Deletion of the "Organic Acidemias Other" section
3. Addition of footnotes regarding the infant's HCP and infants with meconium ileus

Please feel free to send us your feedback about these changes.

Thank you for your continued cooperation and assistance in making the Ontario Newborn Screening Program the most effective and efficient that it can be.

Additional information about the Ontario Newborn Screening Program can be found at:
www.newbornscreening.on.ca

These bulletins are being circulated to keep you abreast of changes to the Ontario Newborn Screening program. Please share this information with any relevant personnel in your hospital / clinic. If there is someone who would like to be added to this list, contact:
Shelley Kennedy or Sari Zelenietz, Genetic Counsellors
(613) 738-3222, option #1; NewbornScreening@cheo.on.ca



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 Department of Genetics
 401 Smyth, Ottawa Ont. K1H 8L1

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 Room 3127, 401 Smyth Road
 Ottawa, ON, K1H 8L1

Ontario Newborn Screening Laboratory

Tel: (613) 738-3222
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TEST, TEST B

Health Card Number: 1111122222
 ONSL Accession Number: 200001010001
 Submitter Unique Number: XXXXXXXX
 Submitter HCP: test hosp
 Mother's Name: TESTING, MOM
 Infant's Health Care Provider²: SMITH, DR.

Gender: FEMALE
 D.O.B.: 2006/06/01 11:59 pm
 D.O.C.: 2006/07/20 11:58 pm
 Date Received: 2006/06/02
 Date Reported: 2006/06/02

1. Gender indicated

1. Submitting HCP added

Test	Screening Result ¹
Amino Acidemias:	
Phenylketonuria and Variants / Bioppterin Defects	*
Maple Syrup Urine Disease	*
Homocystinuria (Hypermethioninemias)	*
Citrullinemias / Argininosuccinic Aciduria	*
Tyrosinemias	*
Amino Acidopathies, other	*
Organic Acidemias:	
Propionic / Methylmalonic Acidemias	*
Isovaleric Acidemia / 2 Methylbutyric Acidemia	*
Glutaric Acidemia Type I	*
3 Methylcrotonic / Hydroxymethylglutaric / Methylglutaconic / 2-Methyl, 3-Hydroxybutyric Acidemias, or β Ketothiolase Deficiency	*
Fatty Acid Oxidation Defects:	
Medium Chain Acyl Dehydrogenase Deficiency / Glutaric Acidemia Type 2	*
Very Long Chain Acyl Dehydrogenase Deficiency	*
Long Chain Hydroxyl Acyl Dehydrogenase / Trifunctional Protein Deficiencies	*
Carnitine Uptake Defect	*
Fatty Acid Oxidation Disorders, other	*
Galactosemia:	*
Biotinidase Deficiency:	*
Endocrine Disorders:	
Congenital Hypothyroidism	*
Congenital Adrenal Hyperplasia	*
Sickle Cell and other Hemoglobinopathies:	*
Cystic Fibrosis³:	*

2. "Organic acidemias other" deleted

1. Screen **negative** means that this infant is at decreased risk for the disorder(s).
 Screen **positive** means that this infant is at increased risk for the disorder(s). It does not mean that a disease is present, but further testing is indicated. If a test is positive and you and / or your patient have not already been contacted, please call the NBS laboratory at (613) 738-3222.
2. This HCP was indicated on the requisition form as one who will be involved in the baby's care following discharge and is not necessarily the HCP who ordered the newborn screening test.
3. Babies with meconium ileus are at high risk of having cystic fibrosis (CF) but will often have a screen negative result for CF; it is therefore recommended that they be clinically evaluated for CF regardless of the newborn screening results.

3. Comment about meconium ileus

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