Severe iron-deficiency anemia in infants and young children (IDA)

CANADIAN PAEDIATRIC SURVEILLANCE PROGRAM

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REPORTING INFORMATION (To be completed by the CPSP Senior Coordinator) Report number: Month of reporting: Province: Today's date:

Please complete the following sections for the case identified above. Strict confidentiality of information will be assured.

CASE DEFINITION FOR SEVERE IRON DEFICIENCY ANEMIA IN INFANTS AND YOUNG CHILDREN

Report all otherwise healthy infants and young children from six months to 36 months of age with severe iron-deficiency anemia defined as:

Hemoglobin < 80g/L and low mean corpuscular volume (MCV; below normal for age),

plus one of the following:

- low ferritin
- low iron
- high transferrin receptor
- high free-erythrocyte protoporphyrin
- · correction of anemia with iron therapy

Exclusion criteria

- Chronic disease known to be associated with anemia
- Diseases associated with malabsorption
- · Conditions associated with blood loss, such as trauma, surgery, and frequent bloodletting
- · Known congenital hemoglobinopathy
- Known disorders of clotting
- Blood loss due to acute or chronic disease causing gastrointestinal bleeding

•	blood loss due to acute of chronic disease causing gastrolinestinal bleeding
	Month first seen
SEC	TION 1 – DEMOGRAPHIC INFORMATION
1.1	Date of diagnosis of severe IDA:/
1.2	Date of birth: / / 1.3 Sex: Male Female
1.4	Postal code of home address, first 3 characters only:
1.5	Where did the child spend more of his/her life? Province/Territory: Unknown _
1.6	Did the child's family immigrate to Canada? Yes No Unknown
	If yes, specify country: Date arrived in Canada: / MM YYYY
1.7	Does the child have a caregiver other than the parent(s)?
	Yes No If yes, specify: Relative (specify) Child care personnel _
1.8	Ethnicity – mother: Aboriginal – If known: First Nations Innu Inuit Métis
	Asian (specify): Black Caucasian
	Latin American Middle Eastern Unknown Other (specify)
1.9	Ethnicity – father: Aboriginal – If known: First Nations Innu Inuit Métis
	Asian (specify): Black Caucasian
	Latin American Middle Eastern Unknown Other (specify)

SECTION 1 - DEMOGRAPHIC INFORMATION (cont'd)

1.10	What	is the highest level of education completed by the child's mother?			
	Prima	ry school High school College/University			
SEC	ΓΙΟΝ 2	- MEDICAL HISTORY			
			Yes	No	Unknown
2.1	-	f mother at delivery: years			
2.2	Gesta	tional age: weeks			
2.3		e child have other medical conditions?			
	-	specify:			
2.4		the child have any food allergies/intolerances or restrictions?			
	-	specify:			
2.5		he child on medications at the time of anemia being recognized?			
	If yes,	specify:			
SEC	ΓION 3	- NUTRITION AND HEALTH HISTORY			
			Yes	No	Unknown
3.1	Curre	nt height: cm or inches; weight: kg or lbs.			
3.2	Was t	he child ever breast fed?			
	If yes,	specify duration: months Exclusively Partly			
3.3	What	best describes the child's current milk feeding (check all that apply):			
	3.3.1	Breast milk			
	3.3.2	Commercial infant formula			
		If yes, specify: cow's milk protein-based iron-containing			
		non iron-containing soy protein-based formula			
		age when started: stopped:			
		amount per day (on average): mL or oz	<u> </u>		
	3.3.3	Cow's milk			
		If yes, specify: 3.25% partly skimmed milk (1% and 2%)			
		age when started: stopped:			
		amount per day (on average): mL or oz	<u> </u>		
	3.3.4	Homemade evaporated milk formula			
	3.3.5	Goat's milk			
		None Other:			
3.4	Does	the child drink juice?			
	If yes,	age when started: age when stopped:			
	Amou	nt per day (on average): mL or oz			
3.5	Does	the child drink tea?			
3.6	Does	the child use a bottle during the day?			
	If no,	age when stopped: months; never used (breast to cup)			
3.7	Does	the child use a bottle in bed?			
	If ves	occasionnally most of the time			

SECT	TON 3 – NUTR	RITION AND HEALTH HIST	ΓORY (cont'd)	Yes	No	Unknown
3.8	Does the child	use a cup/sip cup?		103	140	Olikilowii
		en introduced: mo	nths			
3.9	, ,		solid feeding (check all that apply):			
			ge when cereal started			
		·	ge when cereal stopped			
	Table foods	None Unknowr	•	-		
3 10		following consumed less th				
0.10	Meat	Tollowing consumed loss a	ian o imios, wook.			
	Cereals or I	bread				
3 11			receive iron supplementation?			
	12 Did/does the child have any dental cavities?					
		ncy, did the mother				
0.10		milk or goat's milk?				
		supplementation?				
3.14		did the mother				
	-	milk or goat's milk?				
		supplementation?				
		ss Poor weight gain	Poor energy Fever Irritability Routine Other		_	
SECT		STIGATIONS AT PRESEN				
Blo	od parameter	Results prior to	Blood parameter			s prior to
	<u> </u>	treatment (units)		ti	reatme	ent (units)
	moglobin					
MC	telet		_ Reticulocyte count			
	ritin		Other			
Iror			0.0			
			Other			
SECT	TION 6 – COME	PLICATIONS				
6.1	Did/does the d	child have evidence of (che	ck all that apply):	Yes	No	Unknown
	6.1.1 Stroke?	?				
	If yes, o	describe		_		
	6.1.2 Heart fa	ailure?				
	If yes	describe				

SEC	TION 6	- COMPLICATIONS (cont'd)	Yes	No	Unknown
	6.1.3	Developmental delay?			
		If yes, describe:	_		
	6.1.4	Other	-		
SEC	TION 7	- MANAGEMENT			
7 4	Disas		Yes	No	Unknown
7.1	Please describe measures taken (check all that apply):				
	7.1.1	Prescription for oral iron supplementation			
		If yes: dose frequency duration days			
	7.1.2	Specific dietary treatment/recommendations			
		If yes, specify			
	7.1.3	Assessment/treatment in an emergency department			
	7.1.4	Hospitalization			
		If yes, specify total length of stay: days			
	7.1.5	Blood transfusion			
	7.1.6	Consultation with paediatric hematologist			
7.2	Did ch	ild respond to treatment by achieving Hb ≥80 g/L within 4 months?			
SEC	TION 8	- REPORTING PHYSICIAN			
irst	name_	Surname			
∖ddr	ess				
City_		ProvincePostal	code_		
		number Fax number			
≣-ma	ail	Date completed			

Thank you for completing this form.

(IDA 2009-10)