

Developmental milestones

Chart of early childhood development

IMM 5738

Subject

Instructions for evaluating and reporting of developmental milestones of infants as well as children and completing of the Chart of Early Childhood Development (CECD) in the context of the Canadian immigration medical examination (IME).

Goal/Objective

These instructions are provided to ensure that panel physicians (PPs) follow a consistent and appropriate process for the following:

- assessment of developmental milestones of an infant or child;
- identification of children with delayed developmental (physical and/or intellectual) milestones;
- completion of the CECD form and referral to a specialist for follow up investigation; and
- completion and grading of an IME for a client with abnormal developmental milestones or a CECD.

Instructions

With the implementation of eMedical, the IME form (IMM 5419 Physical Examination) includes a new question on developmental milestones for children. PPs must assess the development of all children of less than 5 years of age. This assessment may be done by observing the child during the IME, talking to the parents/guardians and having the child perform simple tasks.

PPs should assess a child's functional skills in relation to expected milestones for his/her chronological age and provide additional detail of any discrepancy between milestones demonstrated and chronological age. If an interpreter is used, the PP must select and ensure that the interpreter is unbiased and has no connection to the client. Family members or friends cannot act as interpreters for clients. The use of a professional interpreter is at the client's expense.

Additional Investigation

- If developmental milestones do not reflect the child's chronological age, the PP must include a completed CECD form (in Annex 1).
 - the CECD is a screening tool used to evaluate a child's physical, emotional/social and cognitive development from the ages of birth to 5 years of age. The PP should record a child's achieved activities both from an observed examination as well as from information provided by the parent or caregiver.

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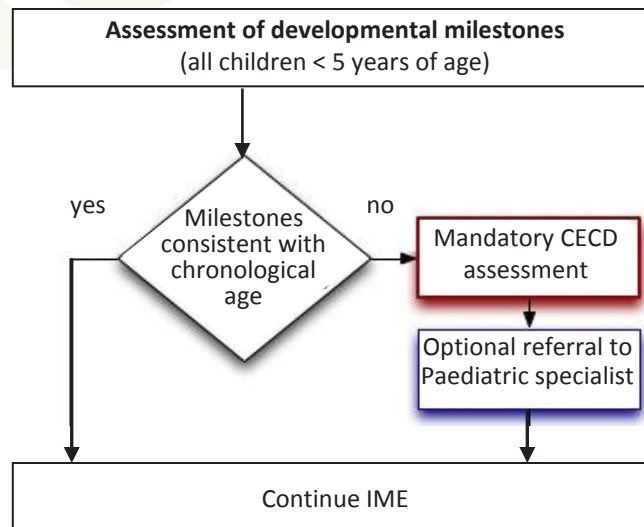
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- The CECD may be part of a paediatric specialist assessment that is required as a result of abnormal clinical findings on the IME.

Grading

IMEs for clients with abnormal developmental milestones or abnormal findings on a CECD must be graded B.

Algorithm



References

WHO, Assessment of motor development:

http://www.who.int/childgrowth/standards/motor_milestones/en/index.html.

Canadian Family, Developmental Milestones charts:

<http://www.canadianfamily.ca/milestones0-1/>

HB Approval and Authority

Director General, NHQ, Health Branch, CIC

Implementation Date

2012/11/01

Revision Date(s)

2013/11/01

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Immigration Medical Examination Instructions

Annex 1



Citizenship and
Immigration Canada

Citoyenneté et
Immigration Canada

PROTECTED WHEN COMPLETED - B

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CHART OF EARLY CHILDHOOD DEVELOPMENT (CECD)

CLIENT

Family name		Given name(s)	
Date of birth (YYYY-MM-DD)	IME no.	UMI no. (if applicable)	

EXAMINER

Information provided by the client's parents/caregiver indicates that the client has a developmental age of: ▶	_____ (alpha/numeric data)	Outcome - Examination indicated client's developmental age is: ▶	_____ (alpha/numeric data)
Do you have any additional comments you wish to make?			
Examiner's name	Examiner's signature	Date (YYYY-MM-DD)	

1 - 2 MONTHS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Holds head erect and lifts head	Recognizes parents
Regards faces and follows objects through visual field	Engages in vocalizations
Becomes alert in response to voice	Smiles spontaneously

3 - 5 MONTHS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Grasps cube - first ulnar then later thumb opposition	Laughs
Reaches for and brings objects to mouth	Anticipates food on site
Plays at making sounds	Turns from back to side
Sits with support	

6 - 8 MONTHS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Sits alone for a short period	Rolls from back to stomach
Reaches with one hand	Is inhibited by the word "NO"
First scoops up a small object then grasps it using thumb opposition	
Imitates "bye-bye" and babbles	
Passes object from hand to hand in midline	

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9 - 11 MONTHS OF AGE

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ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Stands holding on	Walks by supporting self on furniture
Imitates pat-a-cake and peek-a-boo	Follows one-step commands e.g., "Come here" or "Give it to me"
Uses thumb and index finger to pick up small object	

1 YEAR OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Walks independently	Points to desired object
Says "mama" and "dada" with meaning	Says 1 or 2 words
Can use a neat pincer grasp to pick up a small object	
Releases cube into cup after demonstration	
Gives toy on request	

18 MONTHS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Builds tower of 3-4 cubes	Walks up and down stairs
Throws ball	Says 4-20 words
Scribbles spontaneously	Understands a two-step command
Seats self in chair	Carries and hugs doll
Dumps small objects from bottle	Feeds self

24 MONTHS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Speaks short phrases, 2 words or more	Verbalizes toilet needs
Builds tower of 6-7 cubes	Turns pages of book singly
Points to named objects or pictures	Plays with domestic mimicry
Stands on either foot alone and jumps off floor with both feet	Pulls on simple garment

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30 MONTHS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Walks backward and begins to hop on one foot	Helps put things away
Holds crayon in fist - Copies a crude circle	Puts on clothing
Points to objects described by use	Carries on a conversation
Refers to self as " I "	

3 YEARS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Holds crayon with fingers, copies circle	Dresses with supervision
Builds tower of 8 cubes and imitates 3-cube bridge	
Gives first and last name	

3 - 4 YEARS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Climbs stairs with alternating feet	Feeds self at mealtime
Begins to button and unbutton	Takes off shoes and jacket
Responds to command to place toy in, on, or under table	
Knows own sex	
Gives full name	

4 - 5 YEARS OF AGE

ACTIVITIES TO BE OBSERVED ON EXAM	ACTIVITIES RELATED BY PARENTS OR CAREGIVER
Runs and turns without losing balance	Self-care at toilet
May stand on one leg for at least 10 seconds	Dresses self except for tying shoes
Buttons clothes	
Knows the days of the week	