

Diagnostic Tools

Diagnostic Tools

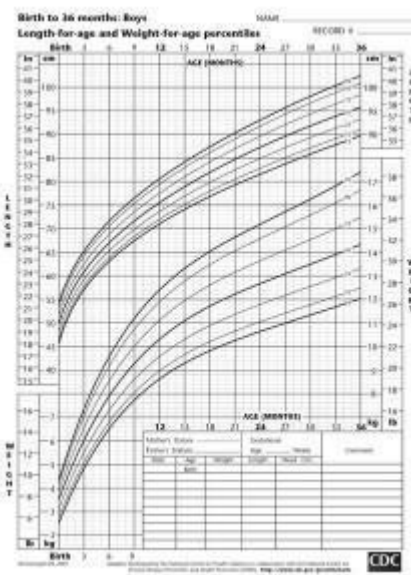


This section has been designed to assist you in using and understanding the diagnostic tools used in immunological testing and clinical practice. Where possible we have also made available useful downloadable resources.

If you would like to have a specific diagnostic tool featured please [Contact Us](#).

- [Growth Charts](#)
- [WHO Clinical Staging](#)
- [Algorithms](#)
- [Welcome Classification](#)
- [Degrees of Dehydration](#)
- [Childhood Myositis Assessment Scale Scoring](#)

Growth Charts



Download All Growth Charts



[All Growth Charts](#)

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WHO Clinical Staging



Download WHO HIV Clinical Staging in Children Younger than 15 years



WHO HIV Clinical Staging

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Algorithms

General features:

Feature	0	1	2	3	4	Score
General						
Weighted score	<2	2-4		4		
Weighted score for TB	<40%	40-60%		>60%		
Weighted score for TB	None	Reported by family		Present upon review		
Malnutrition				Not improved after 1 month	Ex	
Disruptive event			No response to Rx			

Local features:

Feature	0	1	2	3	4	Score
Local						
			Lymph nodes			
			Joint or bone swelling			
			Abdominal mass or swelling			
			CNS signs, CSF abnormal			
Diagn			Diagn conditions due to enlarged lymph glands		Diagn	

Total = score for general features + score for local features (any score 1-4 is suggestive of TB)

Welcome Classification

	60-80% of standard weight	Less than 60% of standard weight
No oedema	Underweight, nutritional dwarfing, growth retardation	Marasmus
Oedema	Kwashiorkor	Marasmic
		Kwashiorkor

Degrees of Dehydration

Methods for Assessing Degree of Dehydration

Factor	Degree of dehydration			
	Normal	<5%	5-10%	>10%
Capillary refilling time	<2 seconds	2-3 seconds	3-5 seconds	>5 seconds
Chested RR rate (normal RR 20-24/min, 1 liter/tuple)	13-20/min	15-20/min	25-35/min	>35/min
Ung and oral mucous membrane	Normal	Slightly dry	Increased	Decreased
Ung and oral mucous membrane (normal RR 20-24/min, 1 liter/tuple)	Normal	Slightly dry	Increased	Decreased
Ung and oral mucous membrane (normal RR 20-24/min, 1 liter/tuple)	Normal	Slightly dry	Increased	Decreased
Ung and oral mucous membrane (normal RR 20-24/min, 1 liter/tuple)	Normal	Slightly dry	Increased	Decreased

NOTE: Clinical findings are most reliable when the examination is performed by two or more different physicians.
Other helpful but not specific signs include sunken fontanel, absent tears, decreased urine output, sunken eyes, firch and dry mucous membranes.

Download Degrees of Dehydration Guide



[Degrees of Dehydration](#)

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Childhood Myositis Assessment Scale Scoring

The Childhood Myositis Assessment Scale (CMAS) was developed to assess muscle function in the areas of strength and endurance across a wide range of abilities and age groups in children with juvenile dermatomyositis (JDM) and polymyositis. There are 14 ordinal items included which were chosen to assess primarily axial and proximal muscle groups and are ranked with standard performance and scoring methods. The CMAS has a potential range of 0-52 with higher scores indicating greater muscle strength and endurance. CMAS scoring sheet was developed by Robert Rennebohm, MD.

Download CMAS Guide



Childhood Myositis Assessment Scale

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