

IMACS FORM 13 DISEASE ACTIVITY SCORE (DAS) - 2005

From Dr. Lauren Pachman

Subject IMACS Number
ASSESSOR
DATE OF ASSESSMENT (MM/DD/YYYY)
ASSESSMENT NUMBER

FUNCTIONAL STATUS

(CHOOSE 1 CATEGORY AND REPORT VALUE IN THE SCORE COLUMN;
RANGE FOR THIS SECTION IS 0 TO 3);

(SCORE)

Normal function, able to attend school, keeps up with friends	0
Minimal Limitations, keeps up with friends except for running	0.5
Mild limitations, tires after walking few blocks, general fatigue	1
Moderate limitations, requires assistance with stair- climbing, activity of daily living	2
Severe limits, wheelchair-bound, unable to attend school, climb stairs etc.	3

WEAKNESS

(SCORE '1' POINT FOR EACH AREA OF WEAKNESS NOTED; CIRCLE ALL THAT
APPLY AND SUM ALL **YES** AND THEN REPORT VALUE IN THE SCORE COLUMN;
RANGE FOR THIS SECTION 0 IS TO 8):

(SCORE)

	NO	YES
(a) Neck flexor weakness 1 2 3 4 5 (-) (+)	0	1
(b) Abdominal/core weakness (Lack of age appropriate performance scored as 1)	0	1
CHECK one box for the one type of sit-up the child is able to perform: <input type="checkbox"/> 1. Cannot clear scapula <input type="checkbox"/> 3. Clears 1/3 of scapula <input type="checkbox"/> 2. Arms extended <input type="checkbox"/> 4. Arms crossed on torso <input type="checkbox"/> 5. Hands behind head.		
(c) Upper proximal muscle weakness 1 2 3 4 5 (-) (+)	0	1
(d) Lower proximal muscle weakness 1 2 3 4 5 (-) (+)	0	1
(e) Gower's sign (assisted /unassisted)	0	1
(f) Abnormal gait	0	1
(g) Difficulty swallowing	0	1
(h) Nasal speech	0	1

SKN INVOLVEMENT TYPE

(choose one category and report value in the score column; range for this section is 0 to 4):

(SCORE)

Absent or resolved completely	0
Atrophic changes only	1
Erythema- mild	2
Erythema - moderate	3
Erythema - severe	4
Data not obtained	

SKIN INVOLVEMENT DISTRUBUTION

(choose one category and report value in the score column; range for this section is 0 to 3):

(SCORE)

None	0
Focal (including area of joint related skin)	1
Diffuse (including extensor surfaces of limbs shawl area)	2
Generalized (including trunk involvement)	3

VASCULITIS

IF NONE of the categories below are present then score "0" points for this section,

if ANY of the categories below are present, then score "1" point for this section: range is 0 to 1: SCORE)

	Absent	Present
(a) Eyelid erythema	0	1
(b) Eyelid blood vessel dilation	0	1
(c) Eyelid blood vessel thrombosis	0	1
(d) Nailfold erythema (cuticles)	0	1

VASCULITIS (Continued)		
IF NONE of the categories below are present then score "0" points for this section, if ANY of the categories below are present, then score "1" point for this section: range is 0 to 1: SCORE)		
	Absent	Present
(e) Nail bed telangiectasia	0	1
(f) Palate vessel dilation	0	1
(g) Other	0	1
GOTTRON'S PAPULES		
If NO papules are present then score is "0" points, if any papules are present (mild, moderate or severe) then score is "1" point; range for this section is 0 to 1: (SCORE)		
0 - Absent	0	
1- Mild	1	
2 - Moderate	1	
3 - Severe	1	
SUM ALL THE VALUES IN THE SCORE COLUMN ON THE RIIGHT SIDE TO OBTAIN THE DAS TOTAL SCORE (TOTAL RANGE MINIMUM 0 MAXIMUM 20)		

References:

Bode RK, Klein-Gitelman MS, Miller ML, Lechman TS, Pachman LM. Disease Activity Score for children with juvenile dermatomyositis: reliability and validity evidence. Arthritis Rheum (Arthritis Care Research), 2003: 49: 7 – 15

Smith RL, Sundberg J, Shamtyah E, Dyer A, Pachman LM. Skin involvement in juvenile dermatomyositis is associated with loss of end row nailfold capillary loops. J Rheumatology, 2004: 31: 1644-9.