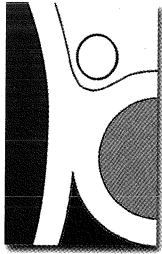




مستشفى الملك فيصل التخصصي
ومركز الأبحاث

King Faisal Specialist Hospital
& Research Center



برنامج

الإضطرابات الحركية

Movement Disorders
Program

الرمز الداخلي # ٧٦
قسم العلوم العصبية
ص.ب. ٣٣٥٤
الرياض ١١٢١١
المملكة العربية السعودية
هاتف: ٤٦٤٧٢٧٢ - ٠١ - (٣٢٩٧٥)
فاكس: ٤٤٢٤٧٦٢ - ٠١

MBC # 76

Dep. Of Neurosciences

P O Box 3354
Riyadh 11211
Saudi Arabia

Tel.: 01- 4647272 (32975)
Fax: 01- 4434763
e-mail: mdp@kfshrc.edu.sa

Patient Name: _____ MRN: _____

Date : _____ Pre Op / Post Op _____

Modified Ashworth Scale

R/L	Muscle under stretch	Score

Modified Ashworth Scale

1. No increase in muscle tone.
2. Slight increase in tone giving a "catch" when affected part is moved in flexion or extension.
3. More marked increase in tone but affected part is easily flexed.
4. Considerable increase in tone; passive movement difficult.
5. Affected part is rigid in flexion or extension.

Joint range of motion, active and passive

R/L	Flex/Ex	Joint	Passive ROM	Active ROM	ROM Degrees from extension

Muscle Strength

R/L	Muscle	Score	MRC score

0. No movement.
1. Palpable contraction, no visible movement.
2. Movement but only with gravity eliminated.
3. Movement against gravity.
4. Movement against resistance but weaker than normal.
5. Normal Power.

Glopal Pain Scale

Place X on the scale below to indicate current level of pain

No Pain	0	1	2	3	4	5	6	7	8	9	10
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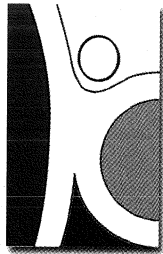
Pain as bad as can be

Keefe FJ, Williams DA. Handbook of Pain Assessment. New York: Guilford Press, 1992, pp 3-14.



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Spasm Frequency Scale

R/L	Muscle under stretch	Score

Spasms are measured by the number of spontaneous muscle spasms that occur over a one hour period

0. None.
1. No spontaneous spasms; but vigorous sensory or motor stimulation results in spasms.
2. Occasional spontaneous spasms or easily induced spasms.
3. Greater than one but less than ten spontaneous spasms per hour.
4. Greater than ten spontaneous spasms per hour.

Functional Independence Measure (FIM™) Instrument

Item	score	No assistance:
Self-Care (maximum = 56)		
A. Eating		7 = complete independence (no helper, no device, safely and timely);
B. Grooming		6 = modified independence (assistive device, not timely or not safely);
C. Bathing		
D. Dressing - Upper Body		
E. Dressing - Lower Body		
F. Toileting		
Sphincter Control		
G. Bladder Management		
H. Bowel Management		
Transfers (maximum = 35)		
I. Bed, Chair, Wheelchair		5 = supervision, set-up, or standby prompting;
J. Toilet		4 = minimal contact assistance or prompting with participant performing >75%;
K. Tub, Shower		3 = moderate contact assistance or prompting with participant performing 50% to 74% of effort;
Locomotion		
L. Walk/Wheelchair		2 = maximal contact assistance or prompting with participant performing 25% to 49% of effort;
M. Stairs		1 = total assistance or not testable (participant <25%).
<i>Motor Subtotal Score</i>		
Communication (maximum = 35)		
N. Comprehension		
O. Expression		
Social Cognition		
P. Social Interaction		
Q. Problem Solving		
R. Memory		
<i>Cognitive Subtotal Score</i>		
TOTAL FIM Score		

ttenbacher KJ, Msall ME, Lyon NR, Duffy LC, Granger CV, Braun S. Measuring developmental and functional status in children with disabilities. *Dev Med Child Neurol.* 1999; 41 :186 -194