Ш	Test	Instruction	2	1	0	L B C	Comments	RHS Score	HFMSE Score
SUPINE	HFMSE 17 Lifts head from supine	SAME AS ABOVE	Head lifted off the surface in mid-line towards chest	Head is lifted but through side flexion or with no neck flexion	Unable				17.
	8 Supine to side- lying (end position leading leg ends up on top of other)	Can you roll onto your side? Note: Onto side = shoulders perpendicular to floor, trunk and hips in line with body		Able to roll onto side	Unable to roll onto side in any direction		□ R	8.	
g	HFMSE 5 Supine to side-lying	SAME AS ABOVE	Able to ½ roll from supine both ways	Can ½ roll only one way ☐ R ☐ L	Unable to half roll either way				5.
ROLLING	9 Rolls supine to prone	Can you roll from your back to your tummy? Try not to use your arms	Rolls fully into prone without pulling/ pushing on arms	Rolls fully into prone by pulling/pushing on arms	Unable to roll into prone in any direction. Does not initiate or complete		□ R	9.	
	HFMSE 8 Rolls supine to prone over R HFMSE 9	Can you roll from your back to your front in both	Turns to prone with free arms to the right	Turns to prone by pulling/pushing on arms	Unable to turn into prone				8.
	Rolls supine to prone over L	directions?	Turns to prone with free arms to the left	Turns to prone by pulling/pushing on arms	Unable to turn into prone				9.
	10 Lifting head from prone	Can you lift your head up keeping your arms by your side for a count of 3	Lifts straight up, arms down by sides for a count of 3	Lifts straight up arms forward for a count of 3	Unable or lifts less than a count of 3			10.	
	HFMSE 12 Lifts head from prone	SAME AS ABOVE		SAME AS ABOVE					12.
	11 Prone; prop on forearms	Can you prop yourself on your forearms with your head up (not holding your head) For a count of 3	Achieves position and holds head up independently for a count of 3	Maintains position with head supported on hands for a count of 3	Unable or holds for less than a count of 3			11.	
Ш	HFMSE 11 Props on forearms	Can you prop yourself on your forearms and hold for a count of 3?	Able to achieve prop on forearms with head up for a count of 3	Holds position for a count of 3 when placed	Unable				11.
PRONE	HFMSE 13 Prop on extended arms	Can you prop yourself up with straight arms for a count of 3?	Able to prop on extended arms, head up for a count of 3	Holds position when placed for a count of 3	Unable				13.
	12* Four-point kneeling/ crawling	Can you get onto your hands and knees and then crawl?	Crawls moving all 4 limbs at least 2 times in a row	Achieves four-point kneeling	Unable		WHO 2*	12.	
	HFMSE 15 Four-point kneeling	Can you get onto your hands and knees with your head up and hold for a count of 3?	Achieves four-point kneeling. Head up for a count of 3	Holds position when placed for a count of 3	Unable				15.
	HFMSE 16 Crawling	Can you crawl forwards?	Able to crawl forwards  Moves all four points	Moves all four points only once	Unable				16.
	13 Rolls prone to supine	Can you roll from your tummy to your back? Try not to use your arms	Rolls fully into supine without pulling/ pushing on arms	Rolls fully into supine by pulling/pushing on arms	Unable to roll into supine in any direction. Does not initiate or complete		R L	13.	
ROLLING	HFMSE 6 Rolls prone to supine over R	Can you roll from your tummy to your back in both directions?	Turns to supine with free arms to the right	Turns to supine using arms to push / pull with	Unable to turn to supine				6.
	HFMSE 7 Rolls prone to supine over L	Can you roll from your tummy to your back in both directions?	Turns to supine with free arms to the left	Turns to supine using arms to push / pull with	Unable to turn to supine				7.
	14 Lying to sitting	Can you get from lying (supine) to sitting?	Able via supine / side lying using:	Able by using strategies:  Turns into prone or towards floor	Unable			14.	
			☐ 1 hand☐ 2 hands	Utilises momentum/					
SITTING	HFMSE 14 Lying to sitting	Can you get from lying to sitting without rolling to your tummy?	Able by using side lying	Turns into prone or towards floor	Unable				14.
	15 Sit to Stand (Starting in a 90/90 position using a Plinth / Bench / Chair)	Can you stand up from the chair / bench keeping your arms folded if you can?	Able to stand up without using arms (keeping arms folded, feet do not move)	Stands by using strategies: (circle relevant)  Uses hands on legs/chair Turns Prone / Widens Base	Unable			15.	

RHS 17.03.2015 with HFMSE Scoring
Page 2 of 5

	Test	Instruction	2	1	0	L B C	Comments	RHS Score	HFMSE Score
	16* Cruising/ supported stand	Can you walk holding on around furniture?	Cruise at least 5 steps around furniture  R L	Stands supported for a count of 3	Unable to stand supported		WHO 3 & 4*	16*.	
STANDING	HFMSE 18 Supported standing	Can you stand using one hand for support for a count of 3?	Can stand using one hand support for a count of 3.	Able to stand with minimal trunk support (not hip) for a count of 3.	Can stand with hand support but needs knee/hip support in addition for a count of 3. Or unable				18.
		Can you stand without holding onto anything for the count of 3?	Stands <u>upright</u> and <u>symmetrically</u> , without compensation for a count of 3	Stands but with some degree of compensation for a count of 3	Cannot stand independently, needs support		WHO 5*	17*.	
	HFMSE 19 Stand unsupported	Can you stand without holding on to anything for a count of 3?	Can stand independently for more than a count of 3	Stands independently for a count of 3	Stands only momentarily (less than a count of 3)				19.
	18* Walking	Can you walk without using any help or aids? Show me	Takes at least 5 steps unaided	Able to take < 5 steps unaided	Or unable Unable		WHO 6*	18*.	
NIIA/	HFMSE 20 Stepping	Can you walk without using any help or aids? Show me	Able to take more than 4 steps unaided	Able to take 2 – 4 steps unaided	Unable				20.
WAI K / RIIN	19 Runs 10m	Can you go as quickly and safely as you can to(give 10 m marker) "Ready steady GO"	Can run - both feet off the ground	Speeds up walk but always maintains one foot on the floor	☐ Walks with no extra speed ☐ Only with aids ☐ Unable		TIME:seconds	19.	
	20 Squat down and up	Can you squat down and stand up again? Pretend you are going to sit on a very low seat - only go as far down as you are able to get up from	Full squat down (without using hands) and up* (with/without using hands) At least 90° achieved at knees/ hips	Initiates squat in both knees (10° to <90°) with controlled movement +/-using hands on self	Unable			20.	
STANDING	HFMSE 28 Squat	on your own  Can you squat?  Pretend you are going to sit in a very low seat	*must be able to get up from final range Squats with arms free	Initiates squat (more than 10%) , uses arm support	Unable to initiate				28.
15	21 Stand to sit on floor	Can you sit on the floor in a controlled/ safe way from standing? Try not to use your	Able to sit down arms free in a controlled manner	Sits on floor using hands on floor/body	☐ Uses furniture☐ Unable			21.	
	HFMSE 27 Stand to sit	arms Can you sit on the floor in a controlled way? Try not to use your arms.	Able to sit down with arms free and no collapse	Sits on floor but uses arms or crashes	Unable				27.
	22 High kneeling	Can you kneel like this (high kneeling) for a count of 10?	Maintains high kneeling without holding on for a count of 10	Maintains high kneel with one arm support for a count of 10	Unable			22.	
	23 High Kneeling to Right half kneel  (Left foot forward)  R	Can you bring your LEFT leg up so that your foot is flat on the ground without using your arms and hold for a count of 10?	Able to achieve and maintain position without arm support for a count of 10	Maintains half kneel with one arm support for a count of 10  With:  support  no support	Unable			23.	
MAT/FI OOR	HFMSE 23 High kneeling to Right half kneel	Can you bring your left leg up so that your foot is flat on the ground without using your arms and hold for a count of 10?	Arms used for transition, maintains arms free in half kneel for a count of 10	Maintains half kneel with arm support for a count of 10	Unable				25.
2	to Left half kneel  (Right foot forward)  L R	Can you bring your RIGHT leg up so that your foot is flat on the ground without using your arms and hold for a count of 10?	Able to achieve and maintain position without arm support for a count of 10	Maintains half kneel with one arm support for a count of 10  With:  support  no support	Unable			24.	
	HFMSE 24 High kneeling to Left half kneel	Can you bring your right leg up so that your foot is flat on the ground without using your arms and hold for a count of 10?	Arms used for transition, maintains arms free in half kneel for a count of 10	Maintains half kneel with arm support for a count of 10	Unable				24.

RHS 17.03.2015 with HFMSE Scoring

Page 3 of 5

	Test	Instruction	2	1	0	L B C	Comments	RHS Score	HFMSE Score
	25 Rise from floor	Can you get up from the floor using as little support as possible and as fast as you can? Stand up as quickly	Achieves rise from floor without hands (any unsupported method)	Able to get up from floor using hands on floor and/or body	Able to get up from floor using furniture/ assistance  Unable to get up from floor using any		If uses ½ kneel:  R (L foot forwards)  L (R foot forwards) Further detail:	25.	
~		as possible when the instruction "GO" is given			method				
MAT/FLOOR	HFMSE 25 High kneeling to stand leading with Left leg (through right half kneel)	Can you stand up from this position starting with your left leg without using your hands? May need demonstration	Able with arms free	Able to shift weight off both knees (with or without arm support)	Unable				25.
	HFMSE 26 High kneeling to stand leading with Right leg (through left half kneel)	Can you stand up from this position starting with your <u>right</u> leg without using your hands? May need demonstration	Able with arms free	Able to shift weight off both knees (with or without arm support)	Unable				26.
Q	26 Stand on one leg – Right	Can you stand on your right leg for a count of 3?	Able to stand in a relaxed manner (no fixation) for a count of 3	Stands but either momentarily or needs a lot of fixation e.g. by knees tightly adducted or other trick	Unable			26.	
SINGLE LEG STAND	27 Stand on one leg – Left	Can you stand on your left leg for a count of 3?	Able to stand in a relaxed manner (no fixation) for a count of 3	Stands but either momentarily or needs a lot of fixation e.g. by knees tightly adducted or other trick	Unable			27.	
SING	28 Hops - Right	Can you hop on your right leg?		Distinct hop: clears forefoot and heel off floor	Unable			28.	
	29 Hops – Left	Can you hop on your left leg?		Distinct hop: clears forefoot and heel off floor	Unable			29.	
	30 Ascend stairs 4 standard stairs	Can you walk up the steps?  If support is needed you may only use	Independently (without support/rail) ascends using alternating pattern	Alternating pattern with one support (one rail/hand on body)  Marking time	Unable			30.	
		one rail (can use two hands to one rail)		with/without support					
	HFMSE 30 Ascends 4 stairs with rail	Can you walk up the steps? You can use one railing	Ascends 4 stairs with railing, alternating feet	Ascends 2-4 stairs, one rail, any pattern	Unable to ascend 2 stairs using one rail				30.
IRS	HFMSE 32 Ascends 4 stairs without rail	Can you walk up the steps? This time try not to use the railing	Ascends 4 stairs, arms free, alternating feet	Ascends 2-4 stairs, arms free, any pattern	Unable to ascend 2 stairs arms free				32.
STAIRS	31 Descend stairs 4 standard stairs	Can you walk down the steps?	Independently (without support/rail) descends using	Alternating pattern with one support (one rail/hand on body)	Unable			31.	
		If support is needed you may only use one rail (can use two hands to one rail)	alternating pattern	☐ Marking time with/without support					
	HFMSE 31 Descends 4 stairs with rail	Can you walk down the steps? You can use one railing	Descends 4 stairs, with railing, alternating feet	Descends 2-4 stairs, one rail, any pattern	Unable to descend 2 stairs with one rail				31.
	HFMSE 33 Descends 4 stairs without rail	Can you walk down the steps? This time try not to use the railing	Descends 4 stairs, arms free, alternating feet	Descends 2-4 stairs, arms free, any pattern	Unable to descend 2 stairs arms free				33.
	32 Climbs box step – Right	Can you step onto the top of the box using your right leg first?	Faces forwards, climbs up – no support needed	Goes up sideways or needs support	Unable			32.	
Ь	33 Descends box step – Right	Can you step down from the box using your right leg first?	Faces forward, climbs down controlling weight bearing leg. No support needed	Goes down sideways or skips down or needs support	Unable			33.	
STEP	34 Climbs box step – Left	Can you step onto the top of the box using your left leg first?	Faces forwards, climbs up – no support needed	Goes up sideways or needs support	Unable			34.	
	35 Descends box step - Left	Can you step down from the box using your left leg first?	Faces forward, climbs down controlling weight bearing leg. No support needed	Goes down sideways or skips down or needs support	Unable			35.	

Test	Instruction	2	1	0	ВС	Comments	RHS Score	HFMSE Score
36 Jump forwards 30cm (12")	Can you jump as far as you can, with both feet, from this line all of the way to the other line?	Jumps forward and lands with two feet simultaneously moving forward at least 30cm (12")	Jumps with two feet simultaneously but lands one at a time moving forward/up travelling < 30cm (12")	Unable to initiate jump			36.	
			☐ Jumps and lands with two feet simultaneously moving forward < 30cm (12")					
HFMSE 29 Jump 12" (30cm) forward	Can you jump as far as you can, with both feet, from this line all of the way to the other line?	Jumps at least 12", both feet simultaneously	Jumps between 2- 11", both feet simultaneously	Unable to initiate jump with both feet simultaneously				29.
						Total	/60	/40 HFMSE /66
	36 Jump forwards 30cm (12") HFMSE 29 Jump 12" (30cm)	36 Jump forwards 30cm (12")  Can you jump as far as you can, with both feet, from this line all of the way to the other line?  HFMSE 29 Jump 12" (30cm) forward  Can you jump as far as you can, with both feet, from this line all of the way to the	36 Jump forwards 30cm (12")  Can you jump as far as you can, with both feet, from this line all of the way to the other line?  Jumps forward and lands with two feet simultaneously moving forward at least 30cm (12")  Can you jump as far as you can, with both feet, from this line all of the way to the	36 Jump forwards 30cm (12")  Can you jump as far as you can, with both feet, from this line all of the way to the other line?  Jumps forward and lands with two feet simultaneously moving forward at least 30cm (12")  Jumps and lands with two feet simultaneously moving forward/up travelling < 30cm (12")  Jumps and lands with two feet simultaneously moving forward < 30cm (12")  HFMSE 29  Jump 12" (30cm) forward  Can you jump as far as you can, with both feet, from this line all of the way to the	36 Jump forwards 30cm (12")  Can you jump as far as you can, with both feet, from this line all of the way to the other line?  Jumps forward and lands with two feet simultaneously but lands one at a time moving forward/up travelling < 30cm (12")  Jumps and lands with two feet simultaneously moving forward < 30cm (12")  Jumps and lands with two feet simultaneously moving forward < 30cm (12")  Jumps and lands with two feet simultaneously moving forward < 30cm (12")  Jumps at least 12", both feet simultaneously important in the feet, from this line all of the way to the	Test    Instruction   2	Can you jump as far as you can, with both feet, from this line all of the way to the other line?   Can you jump as far as you can, with both feet, from this line all of the way to the other line?   Jumps with two feet simultaneously moving forward at least 30cm (12")   Jumps and lands with two feet simultaneously moving forward < 30cm (12")   Jumps and lands with two feet simultaneously moving forward < 30cm (12")   Jumps and lands with two feet simultaneously moving forward < 30cm (12")   Jumps and lands with two feet simultaneously moving forward < 30cm (12")   Jumps between 2-11", both feet simultaneously of the way to the other line?   Jumps between 2-11", both feet simultaneously   Jumps with both feet simultaneously   Jumps between 2-11", both feet simultaneously   Jumps with wo feet simultaneously   Jumps with two feet s	Second   S

\*\*HFMS score calculated with HFMSE items 1 to 20 only

*WHO DEVELOPMENTAL MILESTONES	Qualifier met:
W1. Sitting without support:	V D N D
Child sits upright with head erect for at least 10 seconds. Child does not use arms or hands to balance body or support position.	Y
W2. Hands and knees crawling:	
Child alternately moves forward or backward on hands and knees. The stomach does not touch the supporting surface. There are continuous and consecutive movement, at least 3 in a row.	Y
W3. Standing with Assistance:	
Child stands in upright position on both feet, holding onto a stable object (e.g. furniture) with both hands without leaning on it. The body does not touch the stable object, and the legs support most of the body weight. Child thus stands with assistance for at least 10 seconds.	Y
W4. Walking with Assistance:	
Child is in upright position with the back straight. Child makes sideways or forward steps by holding onto a stable object (e.g. furniture) with one or both hands. One leg moves forward while the other supports part of the body weight. Child takes at least 5 steps in this manner.	Y
W5. Standing Alone:	
Child stands in upright position on both feet (not the toes) with the back straight. The legs support 100% of the child's weight. There is no contact with a person or object. Child stands alone for at least 10 seconds.	Y
W6. Walking Alone:	
Child takes at least 5 steps independently in upright position with the back straight. One leg moves forward while the other supports most of the body weight. There is no contact with the person or object.	Y
Total WHO Milestones Achieved:	
	/6

Revised Hammersmith for SMA (RHS)	17.03.2015						
Is this test a true reflection of the subjects ability Y □ N □ If no please detail why							
Comments							

RHS 17.03.2015 with HFMSE Scoring
Page 5 of 5