

**International Waterski & Wakeboard  
Federation  
Disabled Council**



**Competition Handbook  
Water Ski for the Disabled  
Addendum  
Classification Appendices**

Issued by the Disabled Council  
\*\*January 1, 2011\*\*

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APPENDIX A

# MP TESTING FORM

Last name: \_\_\_\_\_ Country: \_\_\_\_\_

First name: \_\_\_\_\_ Date of birth: \_\_\_\_\_

Diagnosis: \_\_\_\_\_

Former category: \_\_\_\_\_ Date: \_\_\_\_\_ Place: \_\_\_\_\_

Remarks: \_\_\_\_\_

Test	Grade	Test 1 subtests			Test 5		
1	Hand, arm shoulder		Left	Right		Left	Right
2	Bending forward	Shoulder adduction			1 :		
3	Bending backward	Elbow flexion			2 :		
4	Free rotation	Wrist flexion			3 :		
5	Tilt board sideways	Wrist extension			Total :		
6	Lift ball	Finger flex/grip			Aver. :		
<b>Total</b>		<b>Total</b>			Left aver. + right aver.		
		Left total + right total					
<b>Preliminary classification</b>		MP1 : (0 ≤ Total ≤ 8) MP2 : (8.5 ≤ Total ≤ 12) MP3 : (12.5 ≤ Total ≤ 18)					

Observation in familiarisation needed? YES - NO

Observation scheduled:

Date:

Time:

MP1 - MP2 - MP3 - Not a MP

Actual observation: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Final decision: \_\_\_\_\_ MP1 - MP2 - MP3 - Not a MP

Date of Testing: \_\_\_\_\_ Place of Testing: \_\_\_\_\_

Tester: \_\_\_\_\_ Doctor \_\_\_\_\_ Health Professional \_\_\_\_\_ Athlete/Tech.spec. \_\_\_\_\_

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

APPENDIX B

**A/L  
TESTING FORM**

Last name: \_\_\_\_\_ Country: \_\_\_\_\_

First name: \_\_\_\_\_ Date of birth: \_\_\_\_\_

Diagnosis: \_\_\_\_\_

Former category: \_\_\_\_\_ Date: \_\_\_\_\_ Place: \_\_\_\_\_

Remarks: \_\_\_\_\_

TEST	SCORE	PRELIMINARY CLASSIFICATION		
1a				
1b				
2		Points Total	(0<TOTAL<8)	Not suitable for this category
3a				Possibly MP
3b		Points Total	(9<TOTAL<16)	AL1
4a		Points Total	(17<TOTAL<22)	AL2
4b		Points Total	(23<TOTAL<28)	Not suitable for this category
5				
<b>TOTAL</b>				

Observation in familiarisation needed? YES - NO

Observation scheduled:

Date: \_\_\_\_\_

Time: \_\_\_\_\_

A/L 1      A/L 2      Not an A/L

Actual observation: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Final decision:

Date of Testing: \_\_\_\_\_ Place of Testing: \_\_\_\_\_

Tester:      Doctor/Physiotherapist      Health Professional      Athlete/Tech.spec.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

**APPENDIX C**  
**V TESTING FORM**

Last name: \_\_\_\_\_ Country: \_\_\_\_\_  
 First name: \_\_\_\_\_ Date of birth: \_\_\_\_\_

Diagnosis: \_\_\_\_\_  
 \_\_\_\_\_

Former category: \_\_\_\_\_ Date: \_\_\_\_\_ Place: \_\_\_\_\_

Remarks: \_\_\_\_\_  
 \_\_\_\_\_

	<b>Corrected</b>	<b>Uncorrected</b>
<b>Right Eye:</b>	_____	_____
<b>Left Eye:</b>	_____	_____
<b>Medication(s):</b>	_____	
<b>Dosage(s):</b>	_____	

- V1 No light perception in either eye up to light perception only, but inability to recognise the shape of a hand at any distance or in any direction.
- V2 From ability to recognise shape of hand (hand movements) up to visual acuity of 2/60, and/or visual field of less than 5 degrees.
- V3 From visual acuity better than 2/60 up to and including visual acuity of 6/60, and/or a visual field of more than 5 degrees (and less than 20 degrees).

**REMARKS/CLASSIFICATION**

Observation in familiarisation needed? YES - NO  
 Observation scheduled:  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Actual observation: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Final decision:  
 Date of Testing: \_\_\_\_\_ Place of Testing: \_\_\_\_\_  
 Examiner:  
 Name: \_\_\_\_\_ Profession: \_\_\_\_\_  
 Signature: \_\_\_\_\_

## APPENDIX D – MP FAMILIARISATION GUIDELINES FORM

Skier Name: \_\_\_\_\_ Date: \_\_\_\_\_

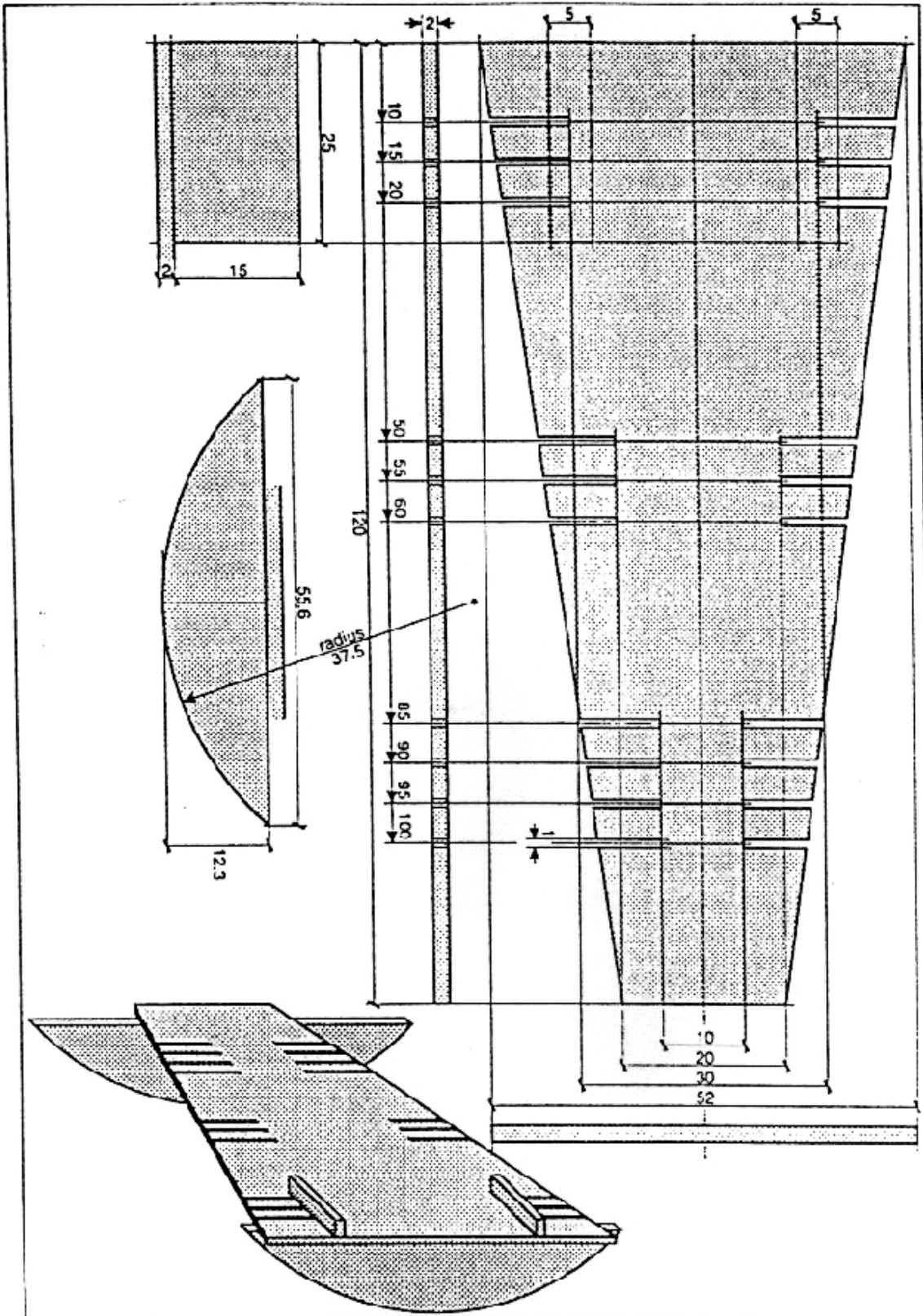
Classification in land based test: \_\_\_\_\_ Final Decision: \_\_\_\_\_

Signed: \_\_\_\_\_

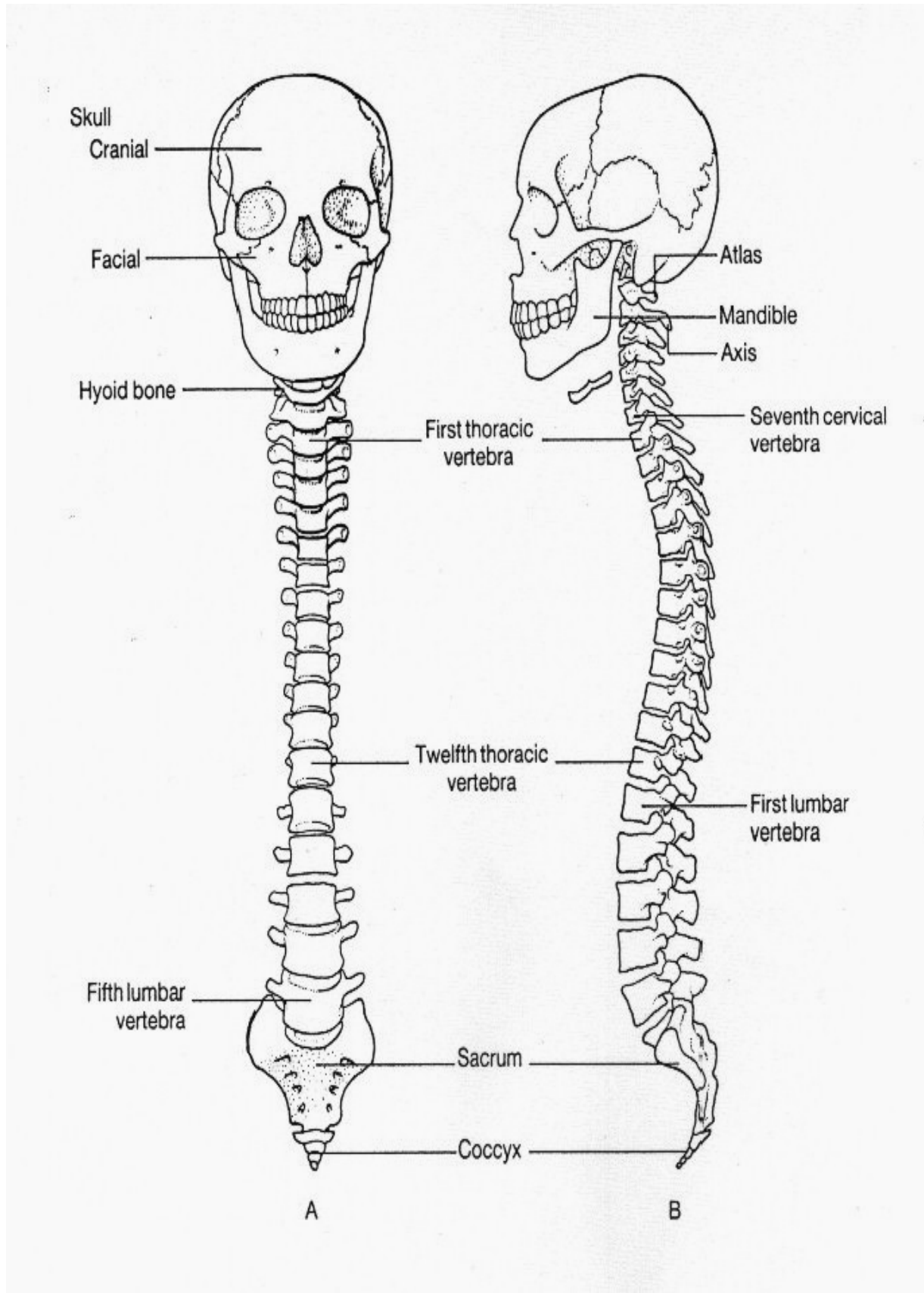
(Classification Chief)

Water Ski Activity	MP1	MP2	MP3
<b>Pull out of Water</b>	<b>NO use of trunk</b>	<b>Minimal use of trunk</b>	<b>Maximum use of trunk</b> <i>Can lean back</i>
<b>Hand Function</b>	Uses wrist(s) or forearms to hold handle. <i>May or may not release while turning</i>	Holds handle but may have weakness in one/both hands. <i>Adequate grip strength to hold handle in palm of the hand.</i>	<b>Holds handle with full strength in both hands.</b>
<b>SLALOM</b>	<b>Unable to use abdominals, trunk extensors to pull in or take slack from rope.</b> <i>May use arm movements to manage slack. Skier will rest trunk on knees.</i>	<b>Limited use of trunk.</b> <i>Primarily use head and upper trunk movements.</i>	<b>Full use of trunk musculature to maintain balance.</b> <i>May use trunk to pressure ski fore/aft.</i>
<b>Slalom Direction Changes</b>	<b>Unable to lift chest from knees.</b> <i>Tends to stabilize by holding cage with one arm/wrist while turning or crossing wake. May steer with head and upper shoulders.</i>	<b>Primarily use head, shoulders and upper trunk to change edges (direction.)</b> <i>May lift head and shoulders from knees. May stabilize by holding onto cage with one hand.</i>	<b>Use head and maximal musculature trunk to change edge (direction.)</b> <i>May stabilize by holding cage but not necessary to maintain balance.</i>
<b>JUMP</b>	<b>Tend to stay forward on knees and is unable to lift body from knees without using arm strength. Head and neck movement only.</b> <i>Maintains edge angle using head and arm position only.</i>	<b>May extend head and upper trunk.</b> <i>Maintains edge angle using head, shoulders and upper trunk musculature.</i>	<b>May fully extend trunk actively if necessary.</b> <i>Maintains edge angle using maximal amount of trunk musculature.</i>
<b>Jump Landings</b>	<b>Tend to lock onto cage with forearms and elbows.</b> <i>No compensation with trunk musculature for correction.</i>	<b>Hold cage with one hand or lock with forearms and elbows.</b> <i>Able to compensate minimally with trunk to correct landings.</i>	<b>May or may not hold cage at landing.</b> <i>Significant use of trunk musculature to correct landings..</i>
<b>TRICK</b>	<b>Trunk stays forward on knees.</b> <i>May hang onto cage for stabilization.</i>	<b>Head and shoulders may be extended to initiate movements.</b> <i>May hang onto cage for stabilization.</i>	<b>May lift trunk from maximally.</b> <i>May not need to stabilize with arms. Able to advance rope by using abdominals in conjunction with arms.</i>

# APPENDIX E – TESTING BOARD DIAGRAM

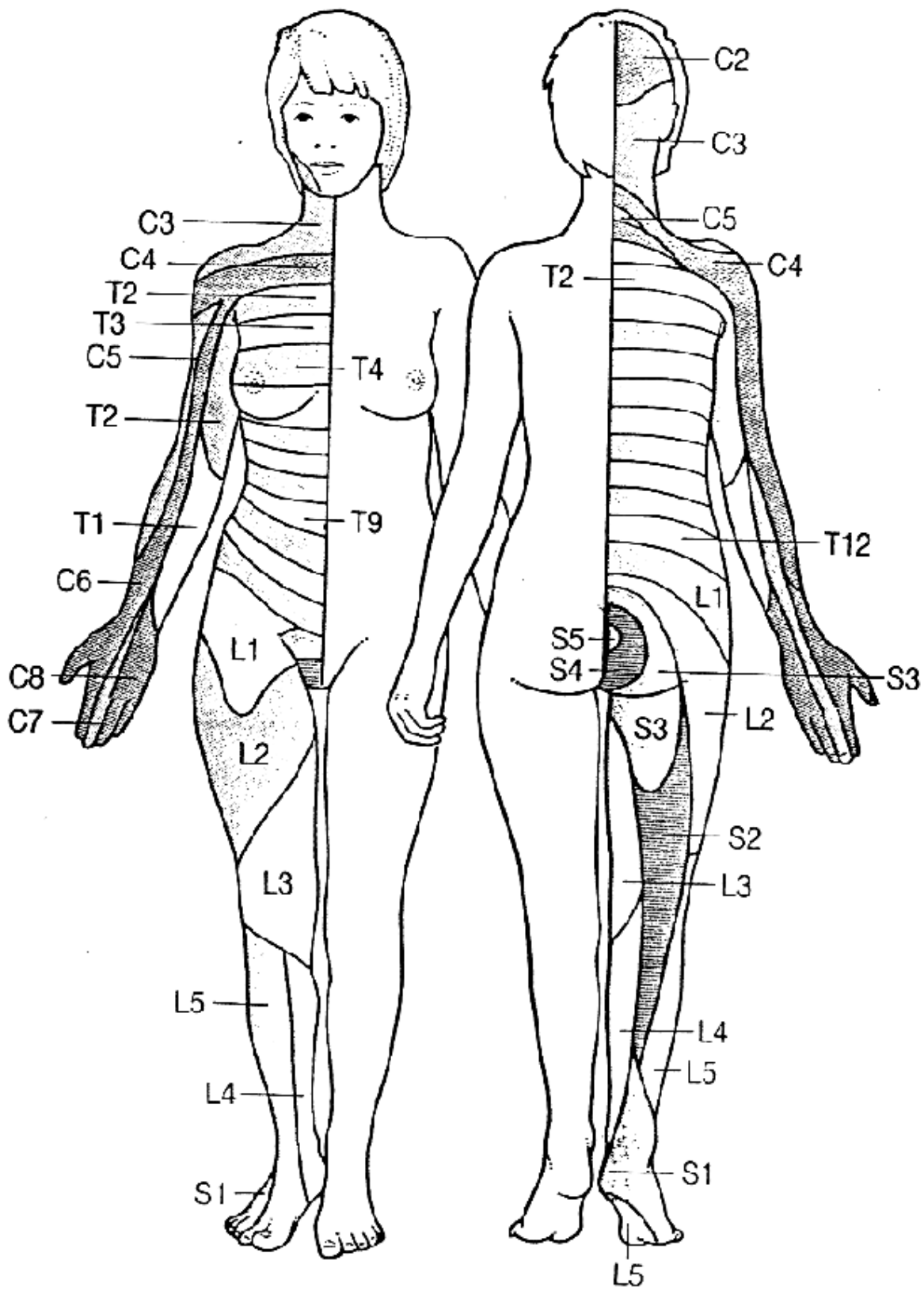


# APPENDIX F1 – THE SKELETAL SYSTEM

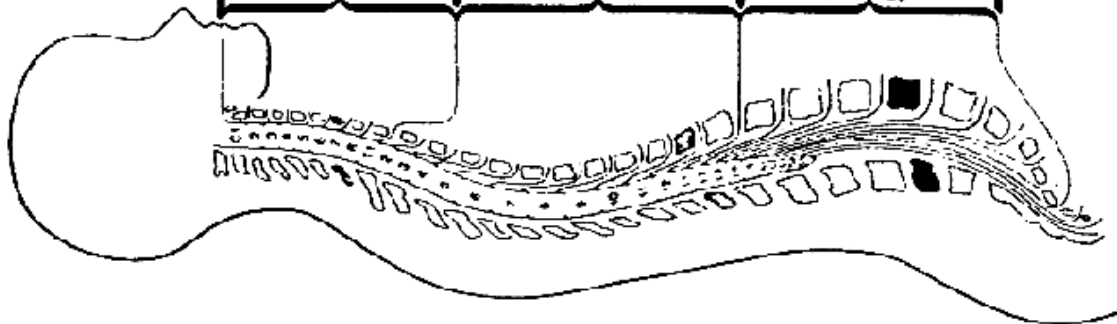




## APPENDIX F2 – THE DERMATOMES OF THE BODY



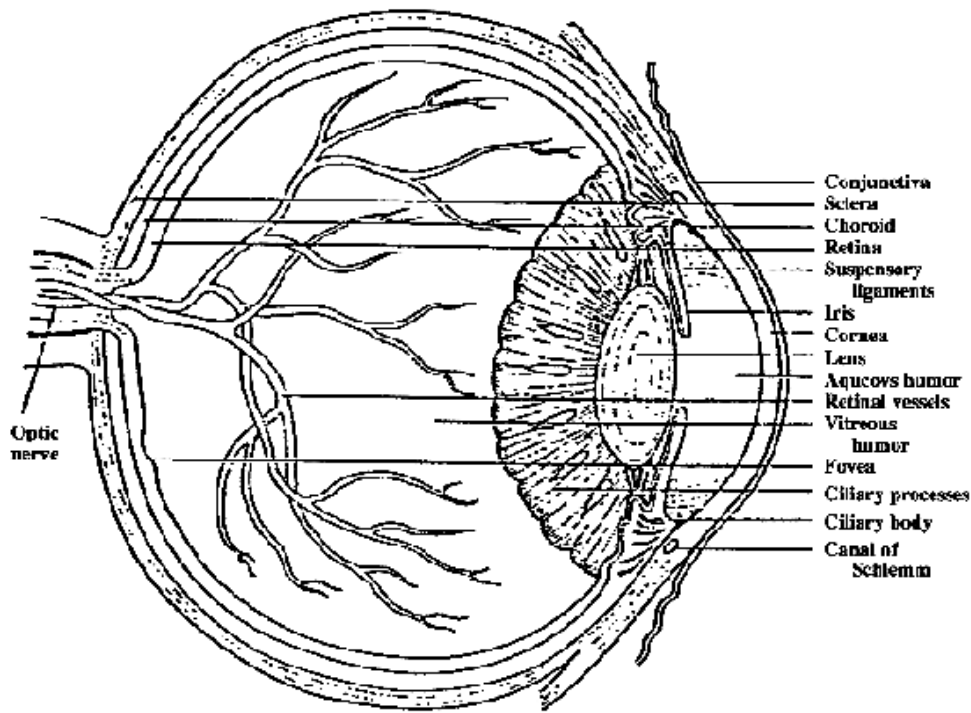
# APPENDIX F3 – FUNCTIONAL ACTIVITY FOR SPINAL CORD INJURIES



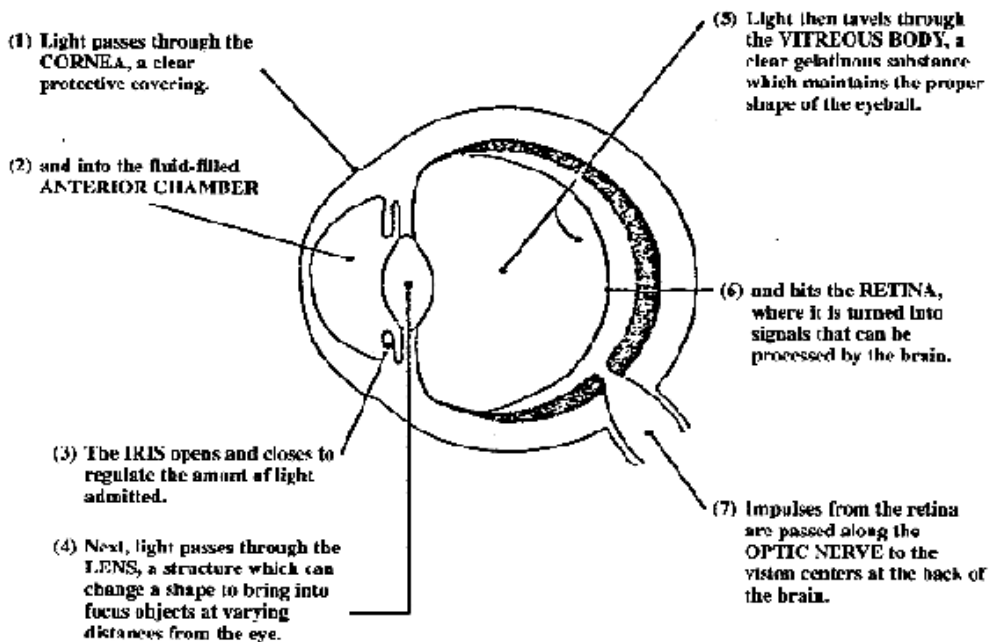
Spinal Cord Segments	QUADRIPLEGIA												PARAPLEGIA																		
	EATING	DRESSING	GROOMING	COLLECTING	HOUSEWORK	DRIVING	PUBLIC TRANSPORTATION	TRAVELING	AMBULATION	COMMUNICATIONS	BED TRANSFER	YOCATIONAL/RECREATIONAL	EATING	DRESSING	GROOMING	COLLECTING	HOUSEWORK	DRIVING	PUBLIC TRANSPORTATION	TRAVELING	AMBULATION	COMMUNICATIONS	BED TRANSFER	YOCATIONAL/RECREATIONAL							
Cervical Segments C1-T1	C-1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
	C-2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
	C-3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	C-4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	C-5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	C-6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	C-7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	C-8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Thoracic Segments T2-T12	T-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	T-2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	T-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	T-4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	T-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	T-6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	T-7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	T-8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Chest and abdominal muscles	T-9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	T-10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	T-11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	T-12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Hip and knee muscles	L-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	L-2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	L-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	L-4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Lumbar & Sacral Segments	L-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	S-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	S-2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	S-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Bowel, bladder, and reproduction organs	S-4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			

Normal or near normal function or performance.  
 Needs some type of personal and/or mechanical assistance  
 It can be partially available but options need to be discussed on individual basis.  
 Not practical/probable

# APPENDIX G – CROSS SECTION OF THE HUMAN EYE/ LIGHT TRANSMISSION TO THE BRAIN



## CROSS SECTION OF THE HUMAN EYE



## LIGHT TRANSMISSION TO THE BRAIN