

# Mann Assessment of Swallowing Ability (MASA) Scoring Sheet

Alertness	2 no response to speech	5 difficult to rouse	8 fluctuates	10 alert
Cooperation	2 no cooperation	5 reluctant	8 fluctuating cooperation	10 cooperative
Auditory comprehension	2 no response to speech	4 occasional motor response if cued	6 follows simple conversation with repetition	8 follows ordinary conversation with little difficulty
Respiration	2 chest infection suctioning	4 coarse basal crepitations chest physiotherapy	6 fine basal crepitations	8 sputum upper airway other condition
Respiratory rate (for swallow)	1 no independent control	3 some control/uncoordinated	5 able to control breath rate for swallow	
Dysphasia	1 unable to assess	2 no functional speech sounds/single words	3 expresses self in limited manner short phrases/words	4 mild difficulty finding words or expressing ideas
Dyspraxia	1 unable to assess	2 groping/inaccurate/partial or irrelevant responses	3 speech crude/defective in accuracy or speed on command	4 speech accurate after trial and error, minor searching movements
Dysarthria	1 unable to assess	2 speech unintelligible	3 speech intelligible but obviously defective	4 slow with occasional hesitation or slurring
Saliva	1 gross drool	2 some drool consistently	3 drooling at times	4 frothy/expectorated
Lip seal	1 no closure unable to assess	2 incomplete seal	3 unilaterally weak poor maintenance	4 mild impairment occasional leakage
Tongue movement	2 no movement	4 minimal movement	6 incomplete movement	8 mild impairment in range
Tongue strength	2 gross weakness	5 unilateral weakness	8 minimal weakness	
Tongue coordination	2 no movement unable to assess	5 gross incoordination	8 mild incoordination	
Oral preparation	2 unable to examine	4 no bolus formation no attempt	6 minimal chew thrust gravity assisted	8 lip or tongue seal bolus escape
Gag	1 no gag	2 absent unilaterally	3 diminished unilaterally	4 diminished bilaterally
Palate	2 no spread or elevation	4 minimal movement nasal regurgitation/air escape	6 unilaterally weak	8 slight asymmetry mobile
Bolus clearance	2 no clearance	5 some clearance/residue	8 significant clearance/minimal residue	10 fully cleared
Oral transit	2 no movement observed	4 delay > 10 sec	6 delay > 5 sec	8 delay > 1 sec
Cough reflex	1 none observed/unable to assess		3 weak reflexive cough	
Voluntary cough	2 no attempt/ unable to assess	5 attempt inadequate	8 attempt bovine	10 NAD
Voice	2 aphonic unable to assess	4 wet/gurgling	6 hoarse	8 mild impairment slight huskiness
Trache	1 trache/cuffed		5 trache/fenestrated	
Pharyngeal phase	2 no swallow unable to assess	5 pooling/gurgling laryngeal elevation incomplete	8 laryngeal elevation mildly restricted slow initiation incomplete clearance	10 immediate laryngeal elevation clearance of material
Pharyngeal response	1 not coping/gurgling		5 cough before/during/after swallow	
Diet recommendations	NBM risk too great	thick vitamized oddslot diet	modified soft	soft
Fluid recommendation	NBM	thick fluid (batter)	thick (honey)	thick (nectar)
<b>Swallow integrity</b>	<b>definite</b>	<b>probable</b>	<b>possible</b>	<b>unlikely</b>
<b>Dysphagia</b>	dysphagia	dysphagia	dysphagia	dysphagia
<b>Aspiration</b>	aspiration	aspiration	aspiration	aspiration

Moderate dysphagia 139-167

Mild dysphagia 168-177

Moderate aspiration < or equal to 148 Mild aspiration 149-169

Total =

Additional Problems: \_\_\_\_\_

Summary: \_\_\_\_\_

Recommendations: \_\_\_\_\_

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

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