

Updated for 2019 an E-Learning course

A.S.L.S.

Advanced Stroke Life Support



Including the
Miami Emergency Neurological Deficit
(M.E.N.D.)

A Focussed Neurological Assessment
Don't miss the **1** in **5** patients missed
by the FAST test

Containing the latest stroke information, supported by a wide range of videos and assessment exercises, the course takes learners through real life scenarios to embed the MEND exam within their practice.

Advanced Stroke Life Support Programme
Module 03 of 09 MEND Exam: a focused neurological assessment

MEND Exam: expanded exam en-route or in hospital

Watch this video that reviews a normal MEND exam as would be performed on-scene, en-route to the hospital or in the hospital or as in this case having conducted a negative FAST test, the ambulance clinician is taking the precaution of conducting a MEND examination.

Click the Play button to start the video.



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Advanced Stroke Life Support Programme
Module 07 of 09 TIA (Transient Ischaemic Attacks)

Assessing a patient with suspected TIA

As a summary of what we have covered in this module, watch this video.

Click on the Play button to view the video.

Summary of key points

- Sudden onset
- Loss of awareness of surroundings
- Eyes looking to the left
- Right sided weakness
- All symptoms resolved quickly
- FAST negative



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Advanced Stroke Life Support Programme
Major stroke syndromes and stroke mimics

Assessment on the scene

Once the FAST test has been completed and answer the question.

Click the Submit button to see your assessment.

How many minutes does the FAST test usually take?



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The M.E.N.D. exam incorporates all three components of the Cincinnati Pre-hospital Stroke Scale (CPSS) (speech, droop & drift) & eight additional components from NIHSS:

- Level of consciousness
- Leg Motor Strength
- Sensation
- Visual Fields
- Commands
- Limbataxia
- Orientation
- Gaze

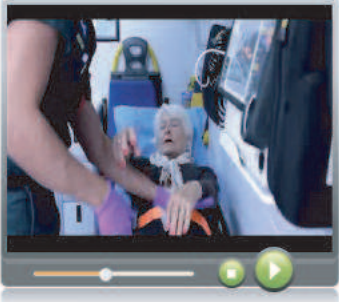
CPSS: Basic examination on the scene

From what you have seen of the FAST and MEND exam, what would be your diagnosis?
Use the MEND checklist to record the symptoms you see.

When you are ready click the Submit button to see your assessment.

MENTAL STATUS	IF ABNORMAL	
Level of Consciousness:	<input type="checkbox"/>	<input type="checkbox"/>
Speech:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Questions:	<input type="checkbox"/>	<input type="checkbox"/>
Commands:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CRANIAL NERVES	R	L
Facial Droop:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Visual Fields:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Horizontal Gaze:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
LIMBS	R	L
Motor--Arm Drift:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Motor--Leg Drift:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sensory--Arm:	<input type="checkbox"/>	<input type="checkbox"/>
Sensory--Leg:	<input type="checkbox"/>	<input type="checkbox"/>
Coordination--Arm:	<input type="checkbox"/>	<input type="checkbox"/>
Coordination--Leg:	<input type="checkbox"/>	<input type="checkbox"/>
MEND EXAM TOTAL SCORE	6	

Submit



Replacing two days of equivalent classroom based learning, the course provides robust, comprehensive, educationally endorsed knowledge on emergency stroke care management.

The on-line course takes approximately 4.5 hours to complete.

An on-line course covering the skills taught within this Advanced Stroke Life support programme is not available from any other provider within the UK.

The course includes the following modules:

☒ Introduction stating basic facts about incidents of strokes, causes and the need for fast actions.

☒ Stroke Facts and Rationale

☒ MEND (Miami Emergency Neurological Deficit) Exam

☒ Major Stroke Syndromes and Stroke Mimics

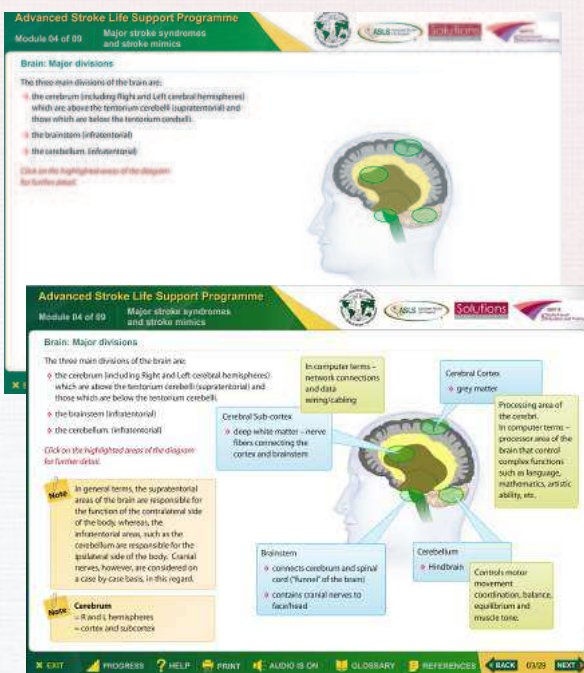
☒ Stroke Management: Pre-Hospital and General Principles

☒ Practice Video Scenarios

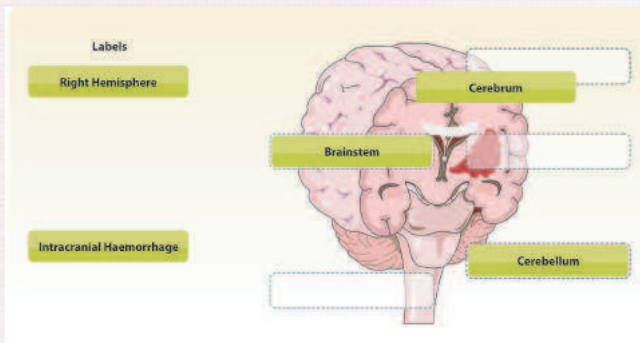
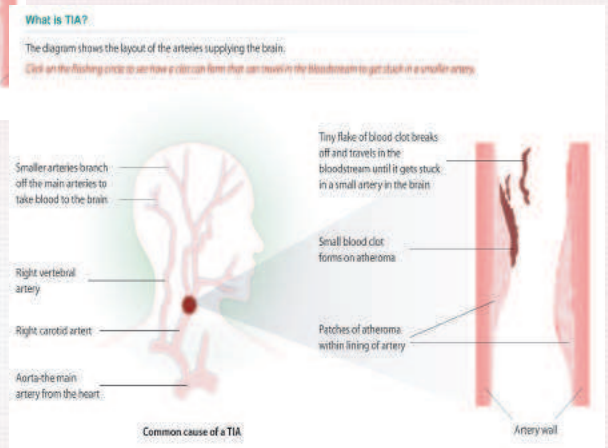
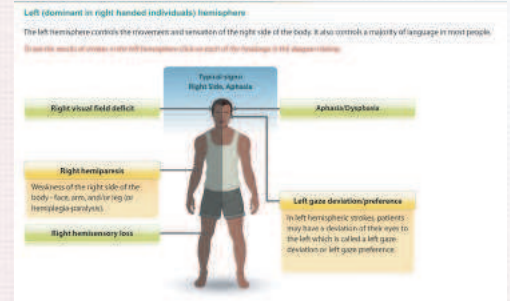
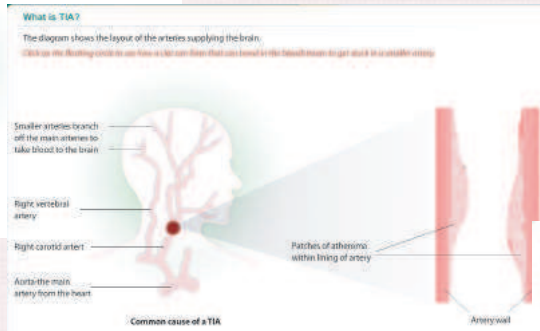
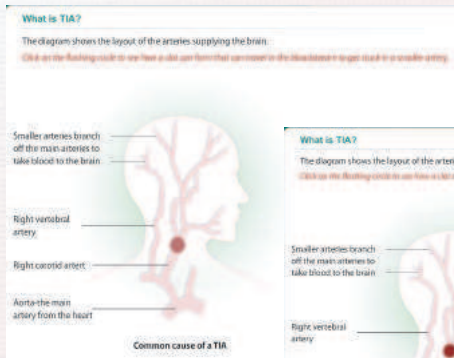
☒ Transient Ischaemic Attacks

☒ Health Promotion and Screening

☒ Final Assessment



The modules feature clinicians in videos, graphics, stills, animations and other learning interactions to engage all learning styles.



Assessments at the end of the each module, along with a final exam, provide evidence that users have acquired the necessary knowledge and are able to confidently apply it.

Advanced Stroke Life Support Programme
Module 04 of 09 Major stroke syndromes and stroke mimics

Question 1
Correctly label this diagram of the brain by dragging the labels into the correct position.

Brainstem

Cerebral Subcortex

Cerebellum

Cerebral Cortex

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Advanced Stroke Life Support Programme
Module 03 of 09 MEND Exam: a focused neurological assessment

Question 1
The Glasgow Coma Scale is based on which three components?

- a. arm strength
- b. eye opening
- c. verbal response
- d. facial weakness
- e. motor response

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