

BACK TO BASICS: USING ABCD² SCORE TO ASSESS STROKE RISK IN TIA

ABCD² – RISK SCORE

Symptom	Score
Age >60 years	1 point
Blood pressure ≥140/90 mmHg	1 point
Clinical neurological deficit	2 points for weakness or 1 point for speech problem
Duration	2 points for >60 minutes 1 point for 10-60 minutes
Diabetes	1 point

Episodes:

More than one in the last week = high risk – refer for TIA assessment in the next 24 hours

ABCD² – TIA action plan

Unless contraindicated, start aspirin 300 mg once daily

Must not drive for one month, or until proved not to be a TIA

ACTION ON SCORE

ABCD² score ≥4: TIA assessment in the next 24 hrs

ABCD² score <4: TIA assessment in the next 7 days

Crescendo TIA (2 or more TIAs in week): assessment in next 24 hours even if score <4

Rita's 'funny do'

RITA, aged 75 years, is attending for her flu jab and mentions that she had a 'funny do' this morning. On enquiry she says that her left arm felt heavy and tingly. The feeling spread up to the left side of her face and she was dribbling her tea.



She sat down and rested, and after no more than five minutes, everything was back to normal. Her speech was not affected. Her BP is 130/80 mmHg, and she is not diagnosed as having diabetes. She says she hasn't had another 'funny do' since.

Her ABCD² score is 3, so she is prescribed 300 mg aspirin daily, and advised not to drive for a month. She is referred for a TIA assessment, which needs to be within the next 7 days.

WITHIN 7 DAYS

Bob: three episodes of slurred speech

BOB is 58 years old and attends an afternoon appointment, which he made yesterday.

He reports three separate episodes of slurred speech over the weekend, each lasting about 15 mins. He can't remember any arm weakness but was more concerned about his speech so may not have noticed. He is not diabetic and his blood pressure today is 135/69 mmHg.

His ABCD² score is only 2, but he has had more than one episode in the last week so he is potentially at high risk of a stroke.

He is given 300 mg aspirin and advised not to drive for one month and a faxed referral is sent to have Bob assessed at the rapid access TIA clinic in the next 24 hours.



WITHIN 24 HRS

Mavis: weakness and slurred speech

MAVIS is 71 years of age. Her husband rings the practice for a home visit. When you arrive, she is making a cup of tea saying that he shouldn't have made such a fuss.



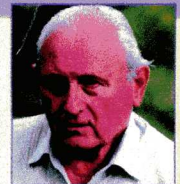
The problem was that she had weakness down her left side and slurred speech, which lasted for a good half hour. Today, her blood pressure is 150/92 mmHg, and she is not diabetic.

Her ABCD² score is 5 so she is given 300 mg aspirin and advised not to drive for one month. A faxed referral is sent to have Mavis assessed at the rapid access TIA clinic in the next 24 hours.

IN NEXT 24 HRS

Harry

HARRY is a 68-year-old chap who comes to surgery at 8.30 in the morning very upset; you are asked to squeeze him into your list. He has a heavy right arm and the right side of his face is weak and this makes his speech difficult.



He has been like this since he got up this morning – over an hour ago. He is not diabetic and his BP is 138/70 mmHg.

TREAT AS STROKE

This is not TIA but is potentially a stroke. When symptoms are present, treat as a stroke:

- Call 999
- Take his blood sugar while you wait
- **Do NOT give aspirin.** You would have no idea if he can swallow or whether the stroke is due to a bleed or a blockage so aspirin could do more harm than good.

NEUROVASCULAR / TIA CLINIC REFERRAL FORM**REFERRAL DETAILS**

Name of Referrer		Date of 1st Contact	dd/mm/yy
		Time of 1st Contact	hh:mm (24 hrs clock)
Contact Telephone Number			
		Date of Referral	dd/mm/yy
Source of Referral	ED / MAU / GP / OTHER	Time of Referral	hh:mm (24 hrs clock)

PATIENT DETAILS

Title	Miss / Mrs / Mr / Other	Address Line 1	
Forename(s)		Address Line 2	
Surname		Address Line 3	
Sex	M / F	Postcode	
Date of Birth	dd/mm/yy	Telephone Number (home)	
NHS Number		Telephone Number (mobile)	
Registered GP:		Practice Code	

PATIENT HISTORY

Date of Symptoms	dd/mm/yy		Details
	dd/mm/yy		Details
	dd/mm/yy		Details
	dd/mm/yy		Details
Recurrent events?	Yes / No	If so when and how many?	

RISK FACTOR

Measure	Definition	Points	Score
Age	≥ 60 years	1	
Blood pressure	Systolic BP ≥140 mm Hg OR Diastolic BP ≥ 90 mm Hg	1	
Clinical features of TIA (choose one)	Unilateral weakness with or without speech impairment OR	2	
	Speech impairment without unilateral weakness	1	
Duration	TIA duration ≥ 60 minutes	2	
	TIA duration 10-59 minutes	1	
Diabetes		1	
Total ABCD² score		0-7	

CLINICIAN INSTRUCTIONS

Score of "4" or more	Whilst still with Patient, telephone the ASU Co-Ordinator for appointment and give Patient Information Leaflet.		
Score of "3" or less	Your patient will receive an appointment within 7 days		
Current Drug Therapy:	Please start aspirin 300mg od immediately		
	If aspirin intolerant consider clopidogrel 75mg od as an alternative		
	Please specify: - If on Aspirin at time of event and/or other antiplatelet drug(s)		
	If on Warfarin: WHY? MOST RECENT INR:		
Please circle any known additional risk factors:	Previous TIA / CVA, Hypertension, Hyperlipidaemia, IHD, Diabetes, Smoking, Atrial Fibrillation, known carotid disease, impaired LV function, peripheral vascular disease.		
Please ensure you inform Patient <u>NOT</u> to drive prior to their appointment			
ASU Co-Ordinator	24 hours	01254 263555 & ask for Bleep 387	
After speaking with the ASU Co-Ordinator, please ensure you fax the Referral Form within 20 minutes			
TIA Fax Number	(24 hours)	01254 736378	

FOR ASU TEAM OFFICE USE

Referral Received Date		Referral Received Time	
Appointment Date		Appointment Time	
Scan Date		Scan Appointment Time	

NEUROVASCULAR / TIA CLINIC REFERRAL PROCESS

