

## MINOR STROKE/TIA STROKE RISK ASSESSMENT

### HIGH RISK:

- Symptom onset within the last 48 hours with any one of the following:
  - ✓ Motor deficit lasting more than 5 minutes
  - ✓ Speech deficit lasting more than 5 minutes
  - ✓ ABCD<sup>2</sup> score  $\geq 4$
- Atrial fibrillation with TIA

### MEDIUM RISK:

- Symptom onset between 48 hrs and 7 days with any one of the following:
  - ✓ Motor deficit lasting more than 5 minutes
  - ✓ Speech deficit lasting more than 5 minutes
  - ✓ ABCD<sup>2</sup> score  $\geq 4$

### LOW RISK:

- Symptom onset  $> 7$  days
- Symptom onset  $\leq 7$  days without the presence of high risk symptoms (speech deficit or motor deficit or ABCD<sup>2</sup> score  $\geq 4$  or atrial fibrillation with TIA )

Note: Isolated syncope or dizziness is rarely a TIA and may not require Stroke Prevention Clinic referral

### ABCD<sup>2</sup> SCORING CHART

	Yes	No
<b>Age</b> $\geq 60$ yrs	1	0
<b>BP</b> $\geq 140/90$	1	0
<b>Clinical Features</b>		
● Unilateral weakness (with or without speech disturbance)	2	0
● Speech deficit without weakness	1	0
<b>Duration</b>		
> 10 min < 59 min	1	0
$\geq 60$ min	2	0
<b>Diabetes</b>	1	0

**Score**  $\geq 4$  = High Risk

### INVESTIGATIONS

- CT scan of head
- Carotid Investigations: carotid ultrasound or CT angiogram
- ECG: if atrial fibrillation strongly consider anticoagulation
- Echocardiogram: only if suspicion of cardiac cause
- Holter Monitor: if suspect atrial fibrillation
- CBC, electrolytes, creatinine, glucose, PTT, INR, fasting glucose and lipid profile

**HIGH RISK:** Contact TIA HOTLINE: see over  
 Complete investigations within 24 hours

\* May require referral to Primary or Comprehensive Stroke Centre to ensure timely completion of investigations  
 Stroke Prevention Clinic Referral (seen within 24 hours)

**MEDIUM RISK:** Complete investigations within 3 days  
 Stroke Prevention Clinic Referral (seen within 3 days)

**LOW RISK:** Complete investigations within 2 weeks  
 Stroke Prevention Clinic Referral (seen within 2 weeks)

## MINOR STROKE / TIA ALGORITHM

