

THROMBOLYSIS CALL IF SUSPECTING ACUTE STROKE

HISTORY

HPC

- Duration symptoms
- Speed of onset: Sudden / Gradual
- Time of onset
- Symptoms: Visual / Facial / Hemiplegia
- Seizures
- Headache
- Fevers
- Head trauma
- Meningitic symptoms: Neck stiffness / Photophobia
- Vomiting: potential aspiration

PMH

- Diabetic: Control / Previous Hypoglycaemia
- Epileptic: Recent seizure activity
- Stroke risk factors: Stroke or TIA / AF / Hypertension
- Migraine
- Clotting disorder

DH

- Diabetic medications: Insulin / Hypoglycaemia
- Epileptic medications: Missed doses
- Anticoagulation

SH / FH

- Alcohol status: Excessive / Sudden abstinence
- Illicit drug use
- Functional baseline

EXAMINATION

GENERAL OBSERVATIONS

- Seizure
- Facial drop
- Trunk hypotonia: leaning to one side
- Limb hypotonia: limb appears flaccid / neglect

AIRWAY

- Ensure airway patent

BREATHING

- Physical Observation: FiO₂ / RR / SaO₂
- Auscultation: Wheeze / Crackles / Air entry

CIRCULATION

- Physical Observation: HR / BP

DISABILITY

- Physical Observation: Temp
- CBG: Normal / Hypoglycaemic
- GCS
- NIHSS
- Cranial nerve exam
- Cerebellar neurological exam
- Peripheral neurological exam: Strength / Sensation / Tone / Reflexes / Babinski

EXPOSURE

- Head injury
- Rash: Petechiae
- Tongue biting
- Urinary incontinence

INVESTIGATIONS

BLOODS

- FBC / U&E / CRP
- LFT / Clotting
- HbA1c / Cholesterol / Lipid profile

CBG

- Capillary blood glucose: < 4

VBG

- pH
- Glucose
- Lactate

ECG

- Rate
- Rhythm: AF / Other Arrhythmia / Heart block
- Ischaemia: ST segment / T wave inversion / New LBBB

CXR

- Consolidation
- Collapse

MICRO

- Cultures: If Temp > 38

CT HEAD

- Stroke
- Intracranial Haemorrhage
- Skull fracture
- Space occupying lesion

DISCUSS WITH SENIOR

MRI HEAD

- Consider in all possible stroke
- Cerebellar stroke

DISCUSS WITH SENIOR

POTENTIAL DIFFERENTIALS

STROKE
HAEMORRHAGIC / INFARCTION

HYPOGLYCAEMIA

TIA

POST SEIZURE HEMIPLEGIA

INTRACRANIAL HAEMORRHAGE
SAH / SUBDURAL / EXTRADURAL

ENCEPHALITIS
MENINGITIS

BELLS PALSY

CONVERSION DISORDER