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Haemorrhagic transformation: A serious complication of massive ischemic stroke
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Abstract
Acute ischaemic stroke is a debilitating disease and may lead to haemorrhagic transformation associated with few factors such as high National Institute of Health Stroke Scale (NIHSS), low Modified Rankin Score (MRS), cardio-embolic clot and others.1 We report herein a 61 years old man whom presented with left sided weakness and diagnosed with acute right middle cerebral artery (MCA) infarction. Thrombolytic therapy was not offered due to low Alberta Stroke Program Early CT (ASPECT) score and hence managed conservatively. However, within 24 hours, his Glasgow Coma Scale (GCS) reduced by 4 points and urgent Computed Tomography (CT) brain confirmed haemorrhagic transformation with midline shift. He underwent emergency surgical decompression and subsequently had prolonged hospital stay complicated by ventilated acquired pneumonia. He recovered after a course of antibiotic and discharged to a nursing home with MRS of 5.

Index Keywords
clopidogrel, phenytoin; abnormal sensation, abnormally high substrate concentration in blood, adult, aphasia, Article, blood analysis, brain hemorrhage, case report, cerebral artery disease, clinical article, computed tomographic angiography, computer assisted tomography, cranial nerve paralysis, decompression surgery, decompressive craniectomy, dysphasia, electrocardiogram, elevated blood pressure, Glasgow coma scale, haemorrhagic transformation, heart rate, hemiparesis, homonymous hemianopia, hospitalization, human, hypercreatininemia, hyperreflexia, intensive care unit, ischemic stroke, male, middle aged, muscle hypotonia, neurologic examination, proprioception, seizure, sinus rhythm, ST segment depression, stroke unit, thrombocytopenia, ventilator associated pneumonia, brain ischemia, cerebrovascular accident, complication, treatment outcome, x-ray computed tomography; Brain Ischemia, Humans, Infarction, Middle Cerebral Artery, Ischemic Stroke, Male, Middle Aged, Stroke, Tomography, X-Ray Computed, Treatment Outcome

Chemicals/CAS
clopidogrel, 113665-84-2, 120202-66-6, 90055-48-4, 94188-84-8, 120202-65-5, 120202-67-7, 894353-16-3; phenytoin, 57-41-0, 630-93-3

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