Stroke: Role of CT Imaging : ??.??????? ???????????

???????? Admin (CME)
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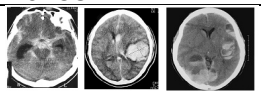
Stroke??????????????



D E F

Fig.1A-F ???????CT brain ??????? intracranial hemorrhage ????????????????????????????

A= HT hemorrhage, B= hemorrhagic transformation ??? MCA infarction, C= hemorrhagic venous infarction, D= Subarachnoid hemorrhage ??? ruptured aneurysm, E= AVM ruptured, F=bleed ??? coagulopathy

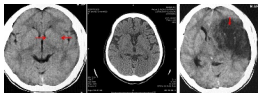
???? cerebral infarction ???????????? CT scan ????????????????????????????????????? onset ??? Stroke ??????????????????????????? CT scan ???????? hyperacute (?????12 ??.), acute

(12 – 24 ??.) subacute (24 ??.??? 6 ???????), chronic (6 – 8 ??????? ?????????) ??? hypodensity ????????????????????????? ???????? cytotoxic edema ????????????????????? density???? ?????? hyperacute ?????? hypodensity ??CT ?????????? ???? “hyperdense artery” ????? 25-50 % ??? obscuration ??? lentiform nucleus ??? ?????????? acute ??? ???? hypodense lesion ????????????????????????????????? white matter ????????????????? gray–white matter ????????????? density ????????????? “loss gray – white matter interface” ??? ??????????????????????????? cerebral sulcus ??????????????????????????? ????? “sulcal effacement” ???????????? 24 ??.??? 1 ?????????????????????? subacute ??enhancement (???????) ?????????????????????? hetergenous enhancement ???????? gyriform enhancement ???????????????? subacute stage????????????????????????????????? cortical area

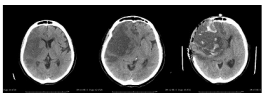
?????????????Chronic(???????8???????)??gliosis????????????????????? volume loss ???

???????????? CT ?? ???? cerebral infarction??

	CT FINDINGS							
	Hypodense area	Hyperdense artery	Loss gray-white	Sulcal effacement	Mass effect	Hemorrhagic transformation	enhancement	Volume loss
Hyperacute	-	+	-	-	-	-	-	-
Acute	+	-	+	+	+	-	-	-
Subacute	++	-	+	++	++	+	+	-
Chronic	++	-	-	-	-	-	-	+



A B C



D E F

Fig. 2A ??? CT brain ????????????????????????????(?????) ??? (???? hyperacute) **Fig.2B** ????????????????????????????? ??? cerebral sulci ???? (????acute) **Fig.2C** ??? mass effect??????(????subacute) **Fig. 2 D-F** ??? CT brain, 3?? acute(2D), subacute (2E) ????????????????????????????? (hemorrhagic transformation) (2F)

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????????????????? CT ????????????? scan time ???? ??????????? multidetector – row CT(MDCT) ?????????????????????????????????? ?????????????????????????????????? slice ???????? 1 ????????? ??????????????????????????????????