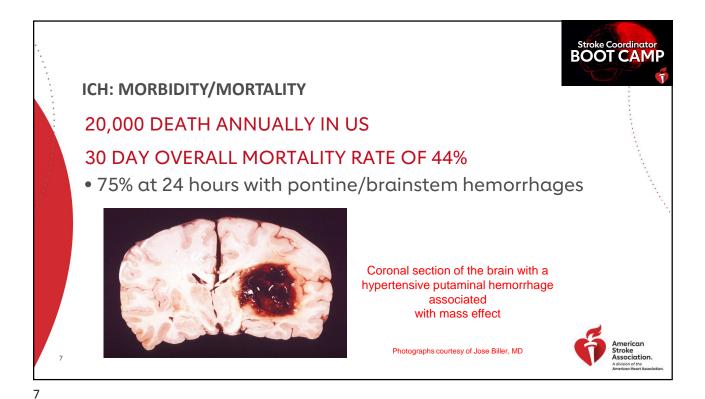
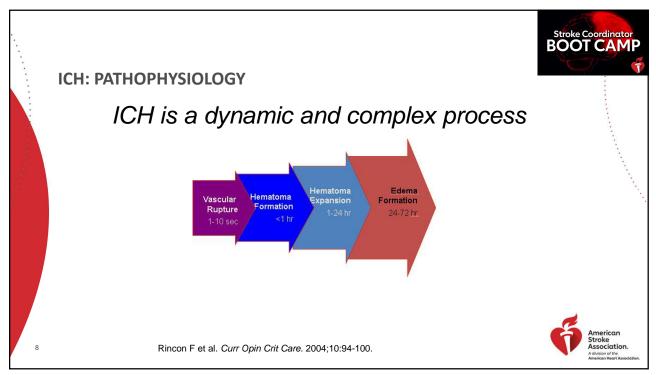
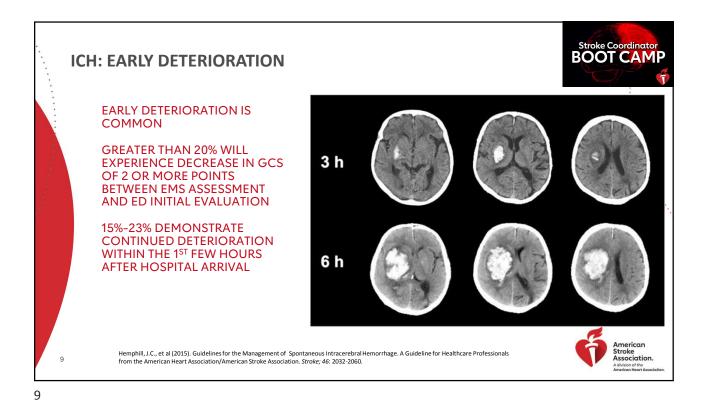
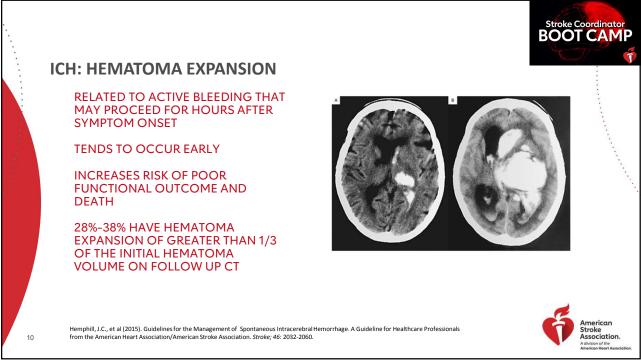


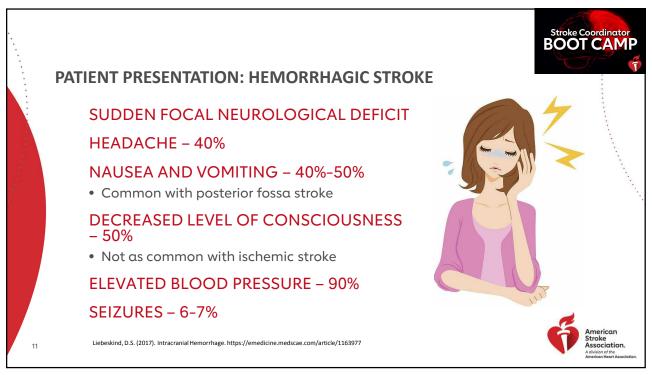
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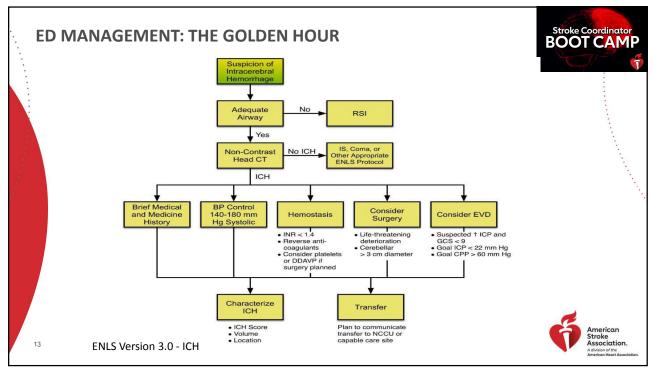


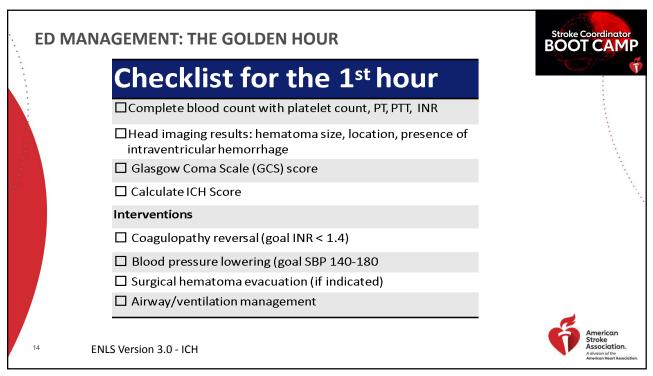


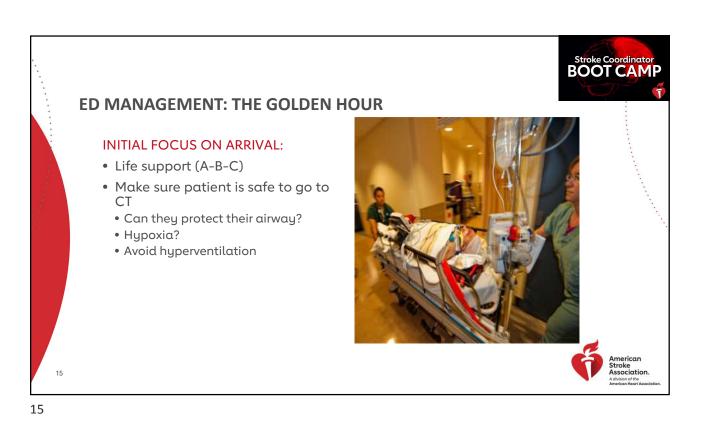


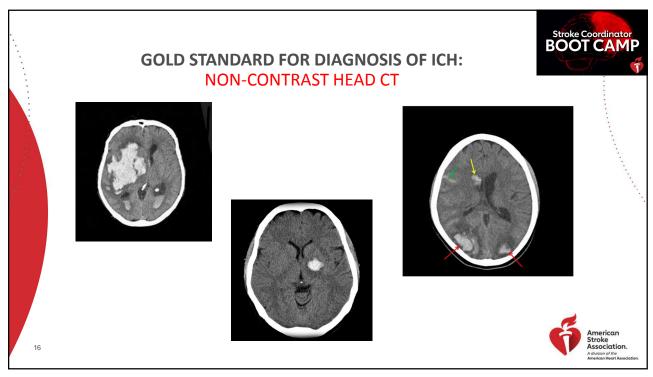


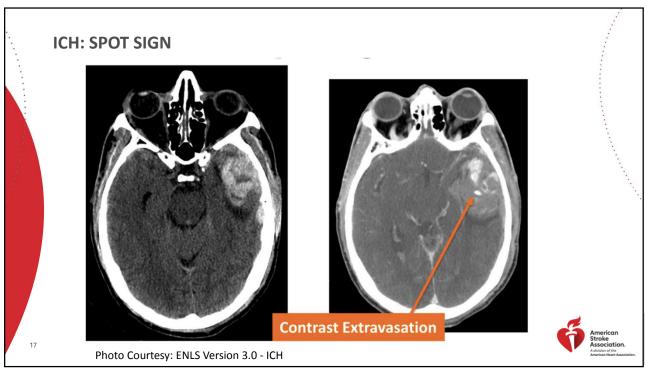


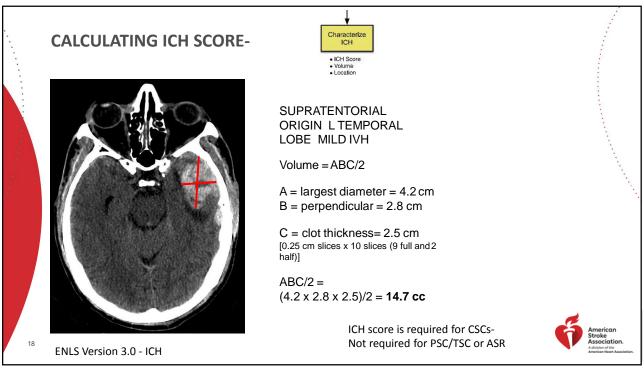


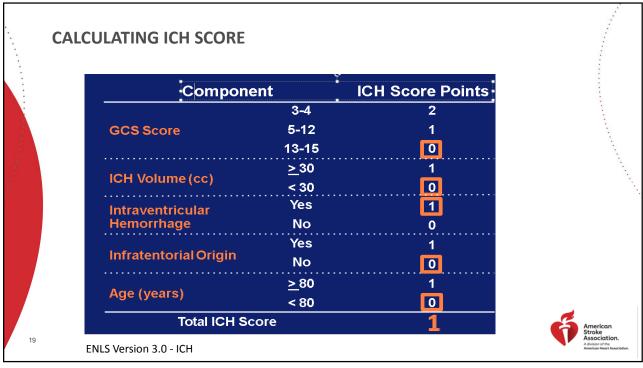


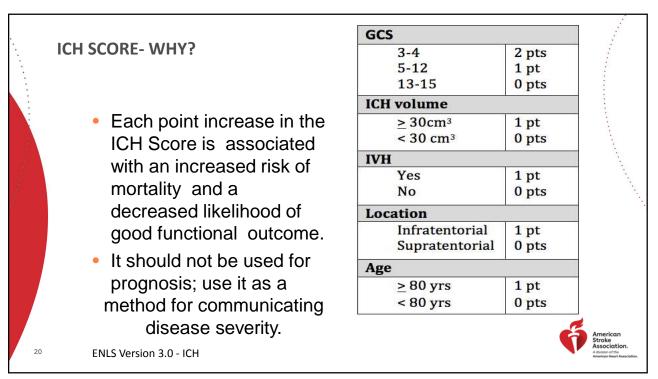


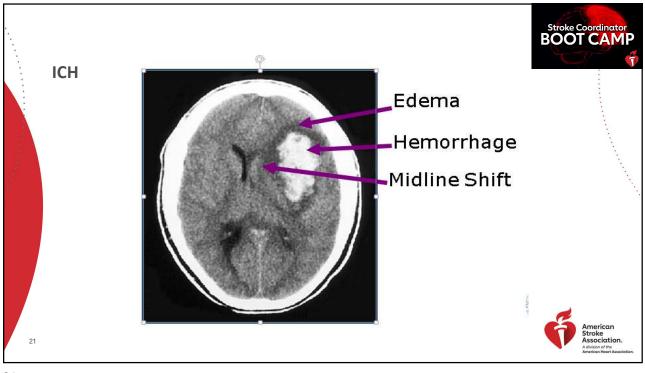


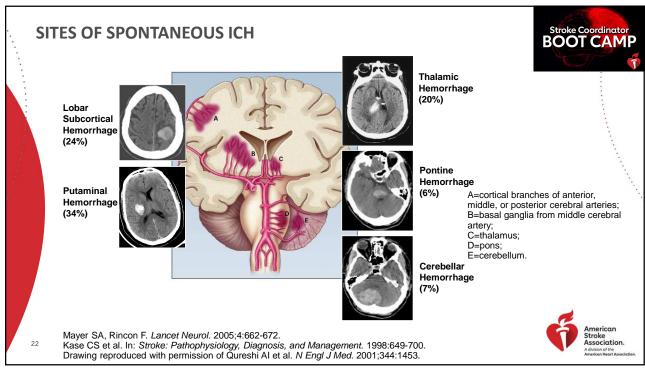


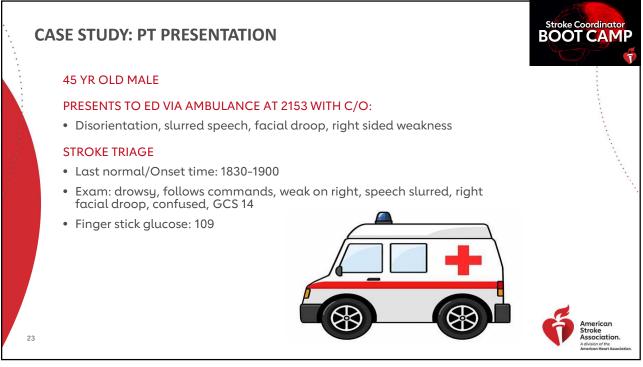


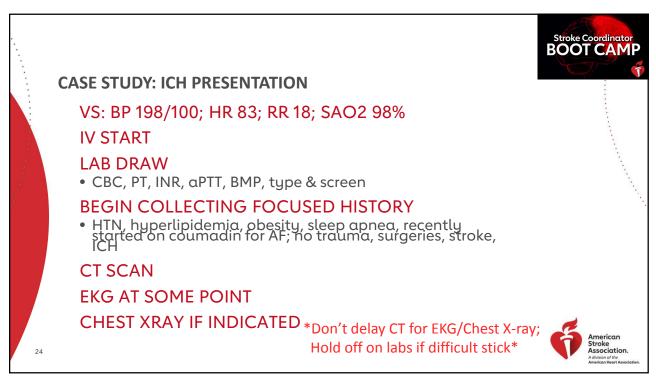


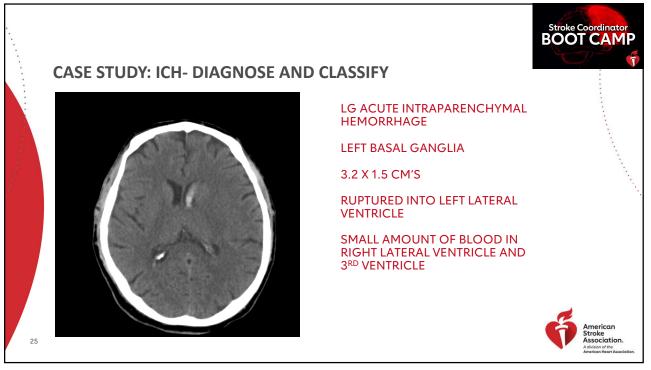


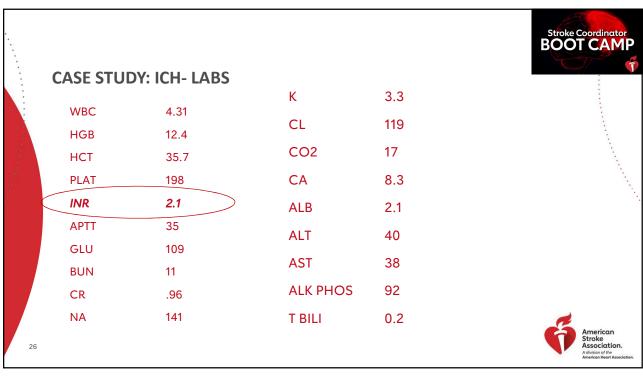


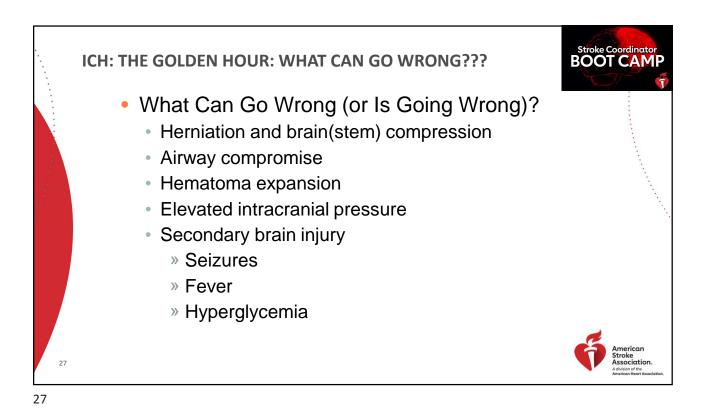


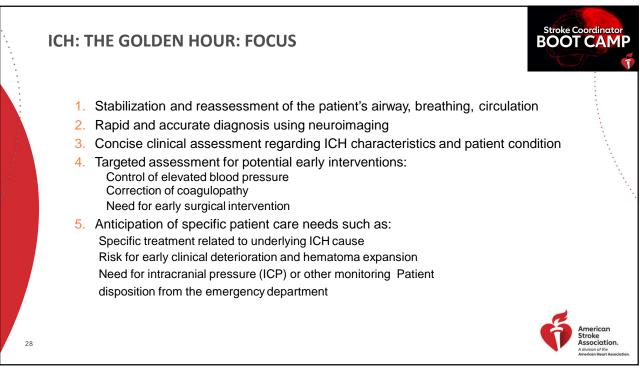


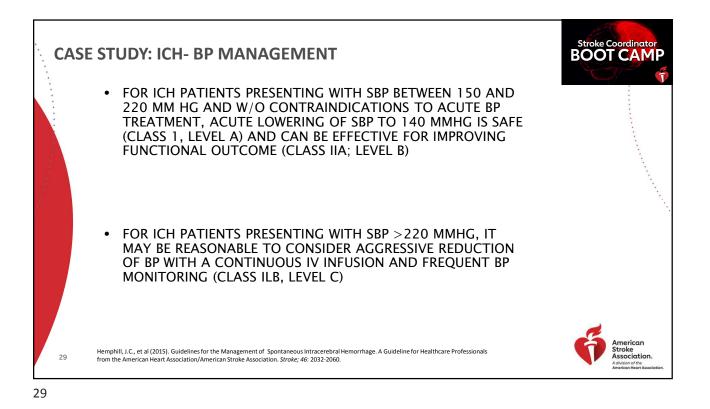


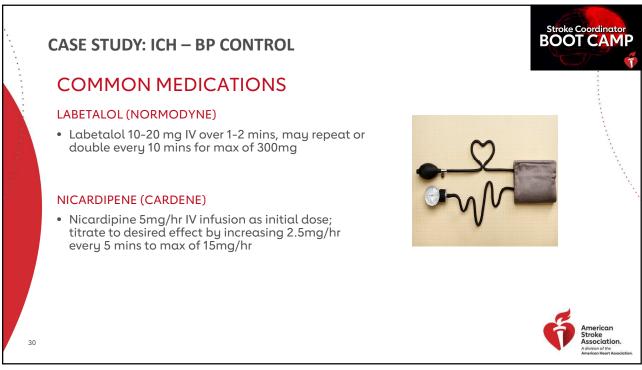


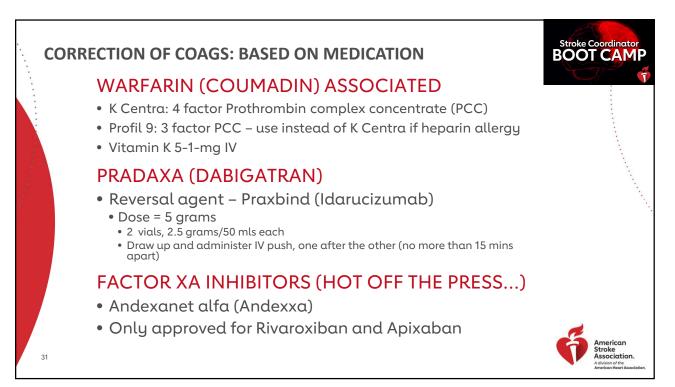




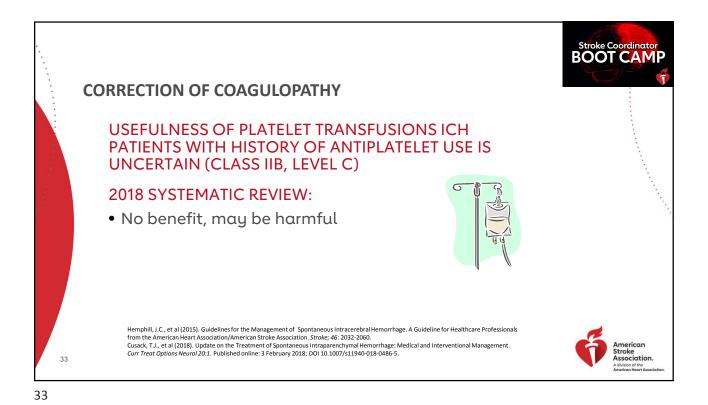


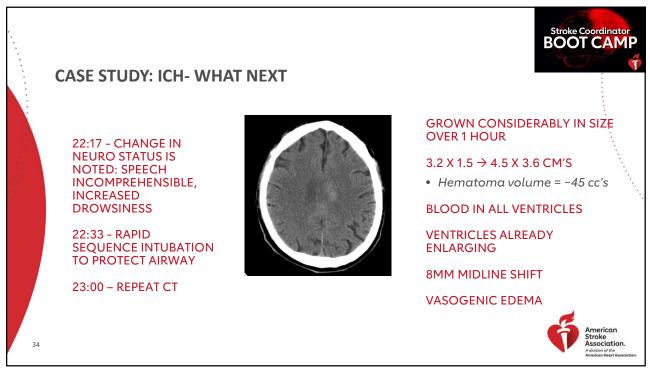


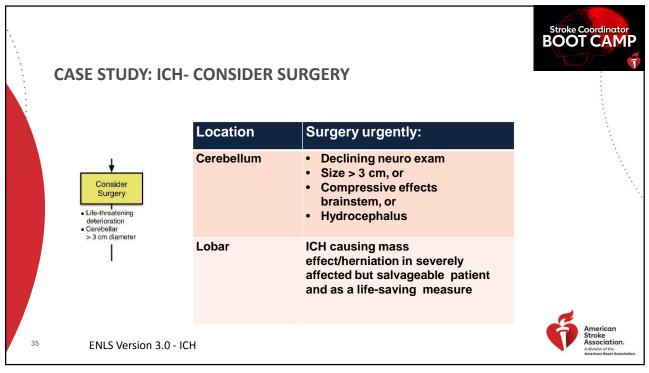


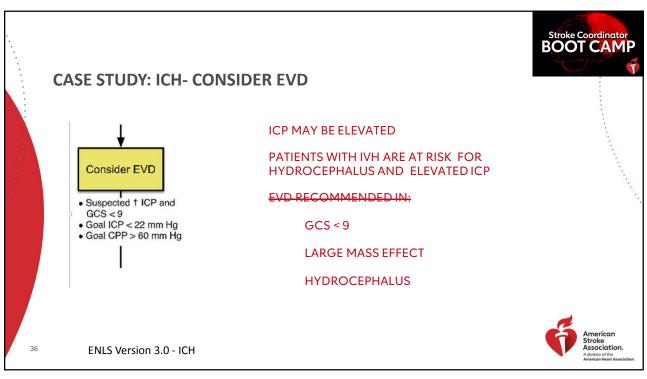


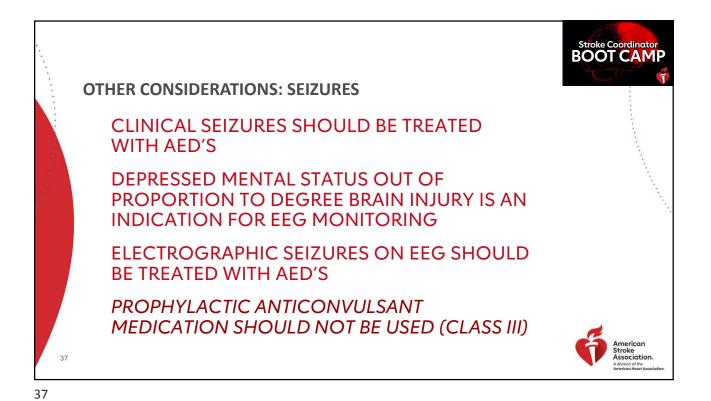




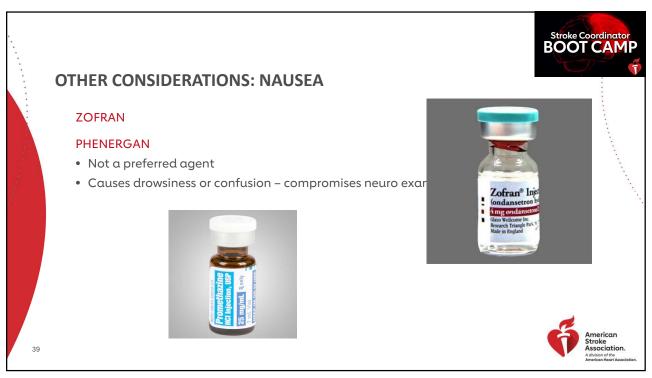


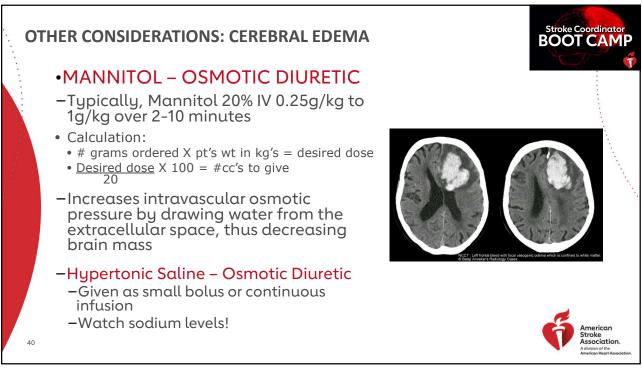


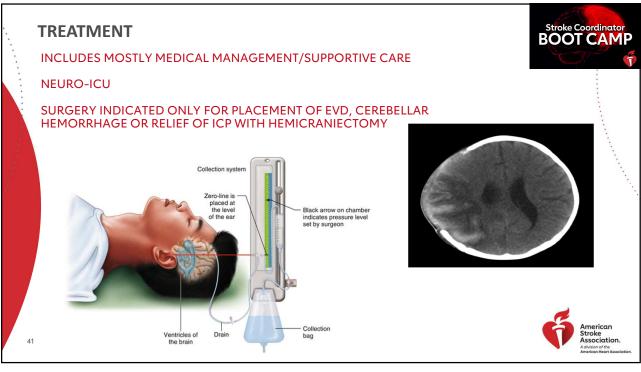


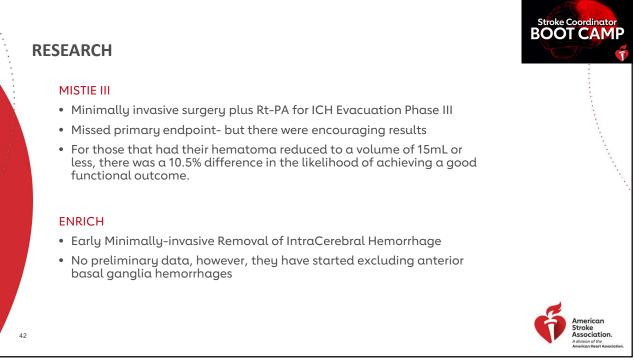


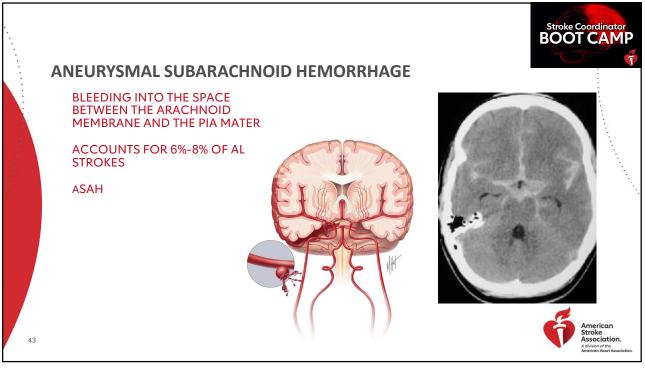


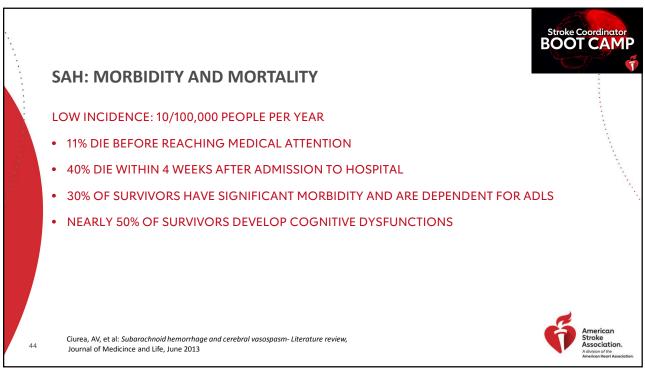


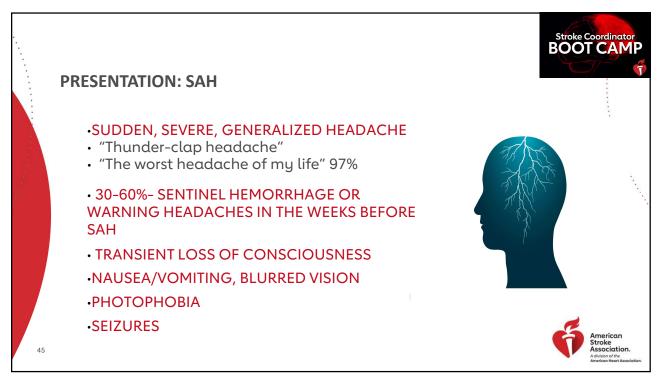






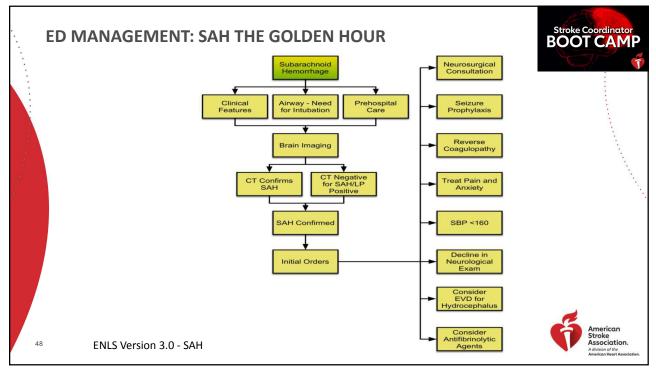


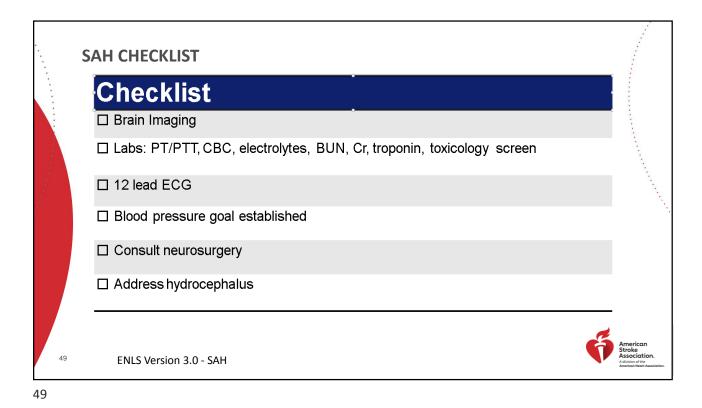


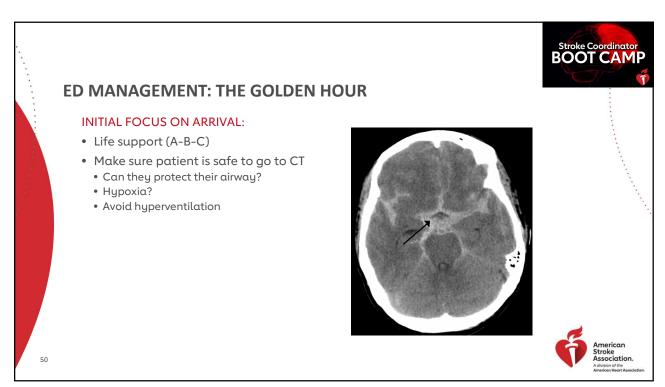


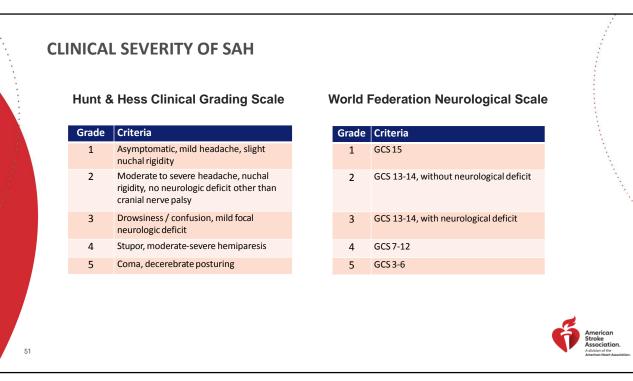
	PRESENTATION:	SAH		Stroke Coordinator
		CLASSIC	NOT-SO-CLASSIC	
		Abrupt onset of severe headache (HA), i.e. thunderclap	HA is not reported as abrupt (patient may not remember event well)	
		NEW, QUALITATIVELY DIFFERENT HA	HA responds well to non-narcotic analgesics	
	Clinical Features	May have nausea, vomiting and neck pain	HA resolves on its own in few hours	· · · · ·
		May transiently lose consciousness, present in coma, or have focal deficits	40% patients with aneurysmal SAH will have normal neuro exam without meningismus	
		Nature of HA onset distinguishes from other forms of stroke	Do not necessarily appear acutely ill	
46				American Stroke Association. A division of the American Heart Association.

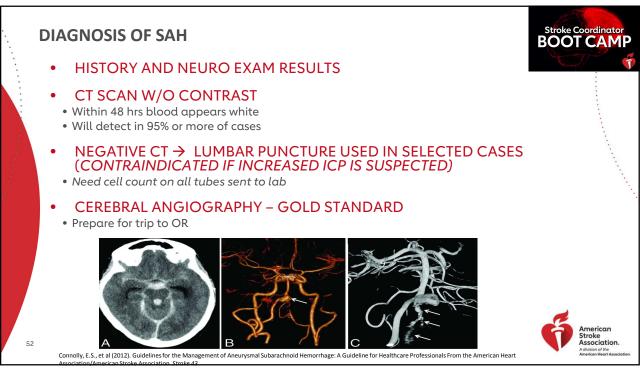


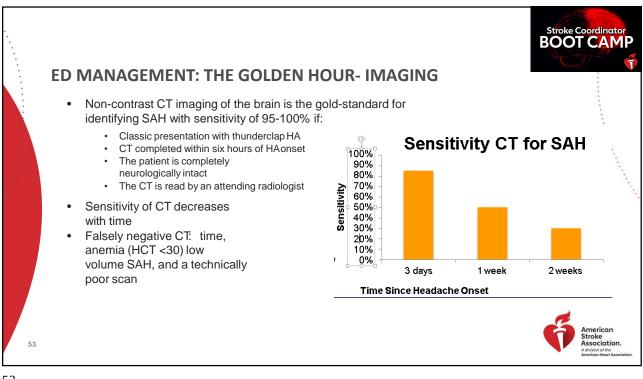


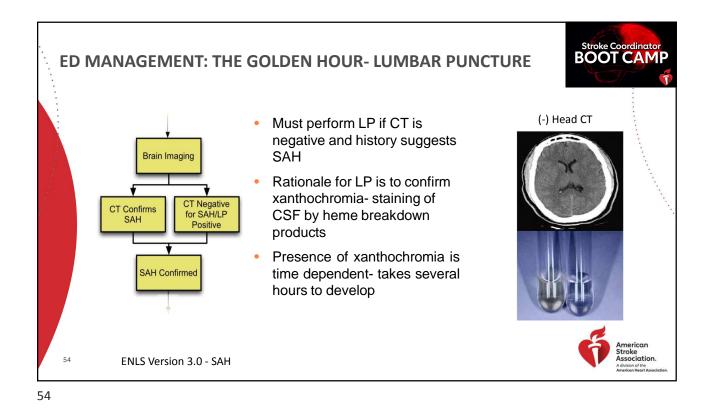












Typical LP Findings	Atypical or Inconclusive	Not suggestive of SAH
↑ RBCs, No clearing from tube 1→4	Clearing of RBCs from tube $1{\rightarrow}4$	CSF clear of RBCs
< 5 WBC, WBC:RBC ratio 1:700	↑ WBC:RBC ratio suggest another process, meningitis or encephalitis	Occasionally, rapidly expanding unruptured aneurysm may present with HA, recommend urgent consultation
Xanthochromia present (However if CSF Protein >100mg/dL may be false positive)	Xanthochromia absent (Assuming LP is done more than 12 hours following headache onset).	Xanthochromia absent
Opening pressure elevated (~2/3 patients)	OP normal	OP normal

