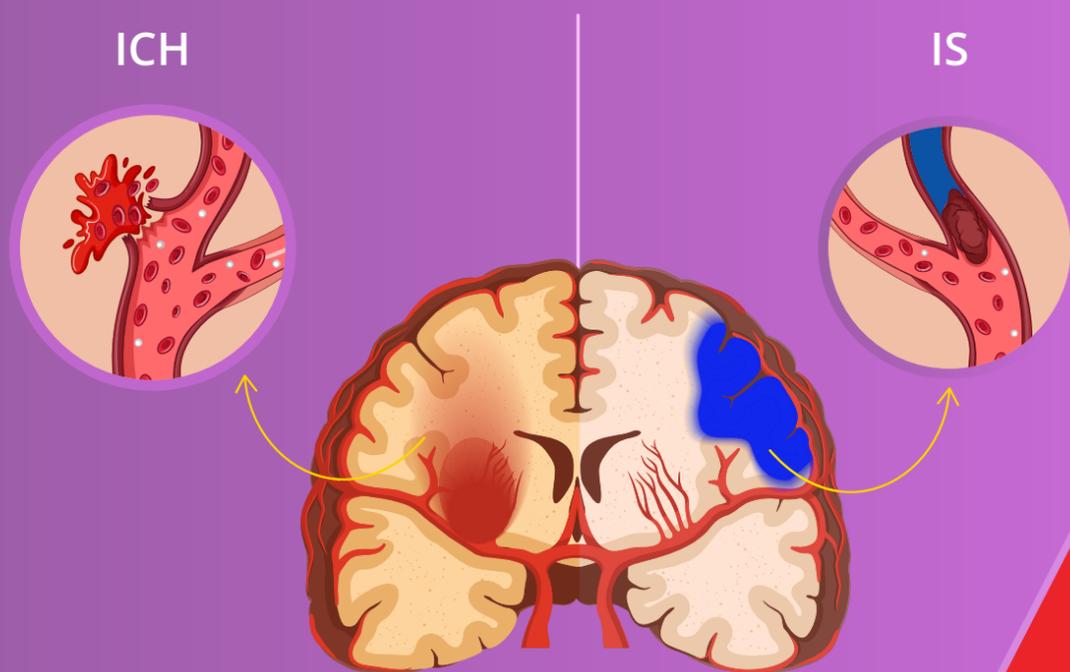
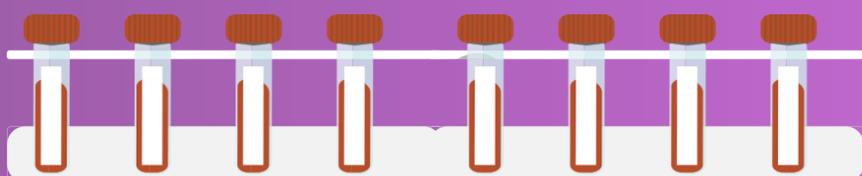


# Can Blood Biomarker Panels be Used for Identification of Ischemic Stroke?

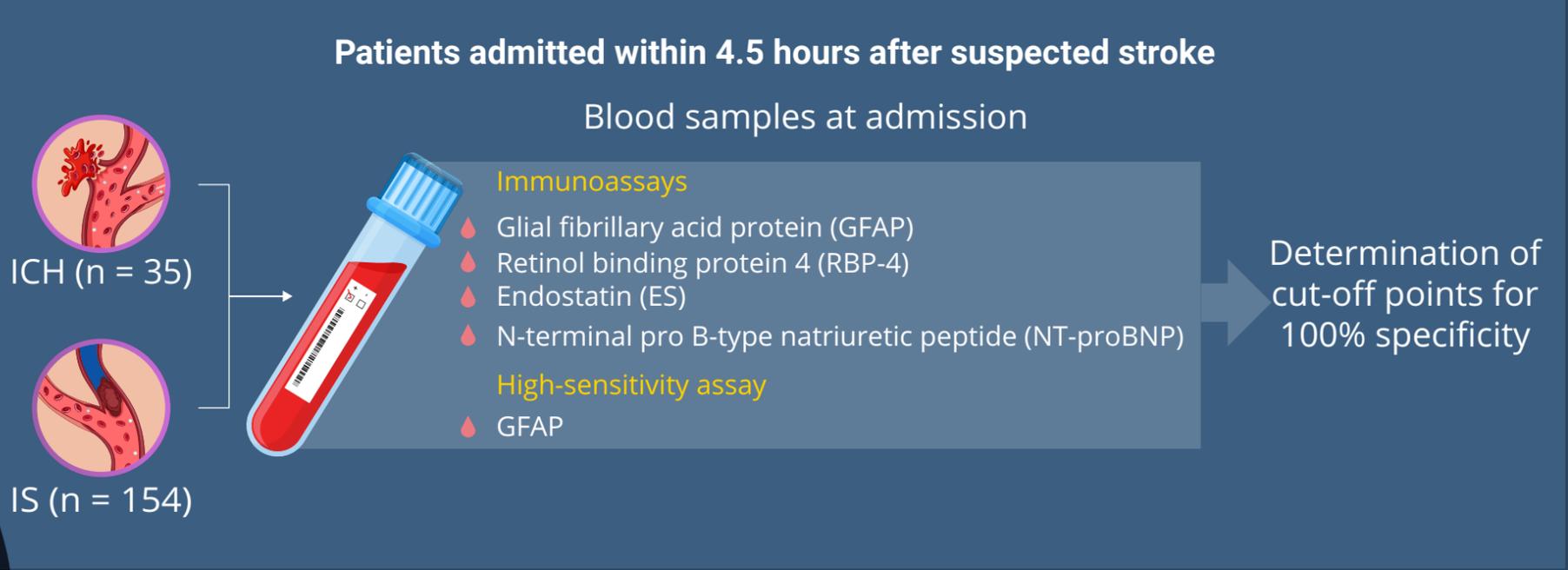
Quick differentiation between intracerebral hemorrhage (ICH) and ischemic stroke (IS) is vital for initiating prehospital thrombolysis and determining patient outcome



Detection of blood biomarkers may offer a fast and reliable option for differentiating between ICH and IS

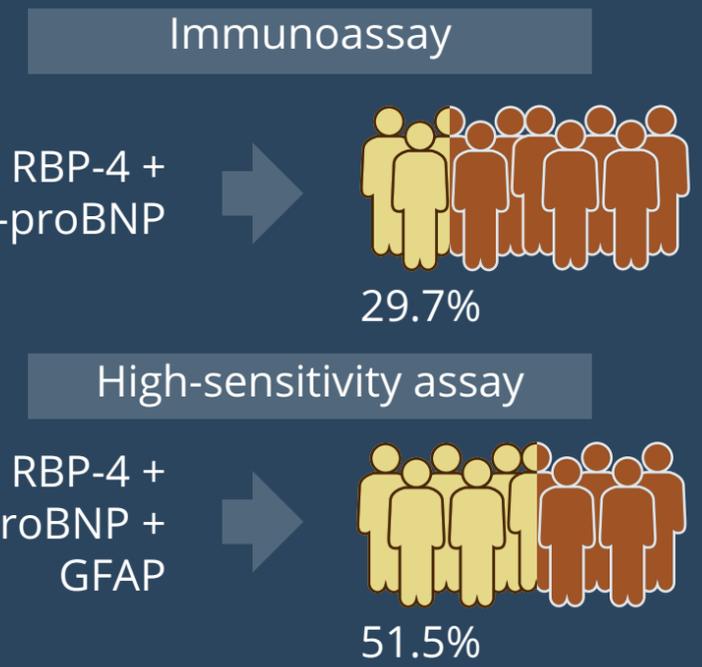


**This study aimed to validate and develop a panel of blood biomarkers that could accurately differentiate between ICH and IS**



	Biomarker levels	
	ICH	IS
GFAP	High (red up arrow)	Low (green down arrow)
RBP-4	Low (green down arrow)	High (red up arrow)
ES	Low (green down arrow)	High (red up arrow)
NT-proBNP	Low (green down arrow)	High (red up arrow)

**Biomarker combinations that yield 100% specificity**



**Biomarker panel including RBP-4, NT-proBNP, and GFAP can provide potentially useful sensitivity rates for IS diagnosis**