

Clinical risk factors identified for the testing of the risk adjustment model

Factor	TEP support	Mathematica clinical SME support	Surgeon General Report	VTE scoring indices support				Include in risk adjustment model testing?	Included in final model?
				Caprini Score	AHRQ report	Rogers Score	ICU-VTE risk assessment		
Fractures	X	X	X	High	High			Yes	No
Hip or knee joint replacement procedures	X	X		High	High			Yes	No
Vascular surgeries		X				High		Yes	Yes
Respiratory operations		X				High		Yes	Yes
Experienced a stroke		X		High				Yes	Yes
Patients with central venous catheterization placement		X		Low for non-ICU patients			High	Yes-modified <i>Mathematica clinical SME recommending broadening criteria to include venous catheterization placement, regardless of ICU status.</i>	Yes
History of blood clots, either DVT or PE	X			Moderate	Moderate		Moderate	Yes	Yes
Bleeding disorders	X			Moderate	Moderate			Yes	No
Age 75 years and older	X			Moderate				Yes	Yes
Immobilization	X				Moderate			Yes	No
Cancer	X	X						Yes	Yes
Obesity	X		X					Yes	Yes

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Patients using hormone therapy			X					Yes	No
Tobacco use	X		X					Yes	No
Diabetes	X							Yes	No