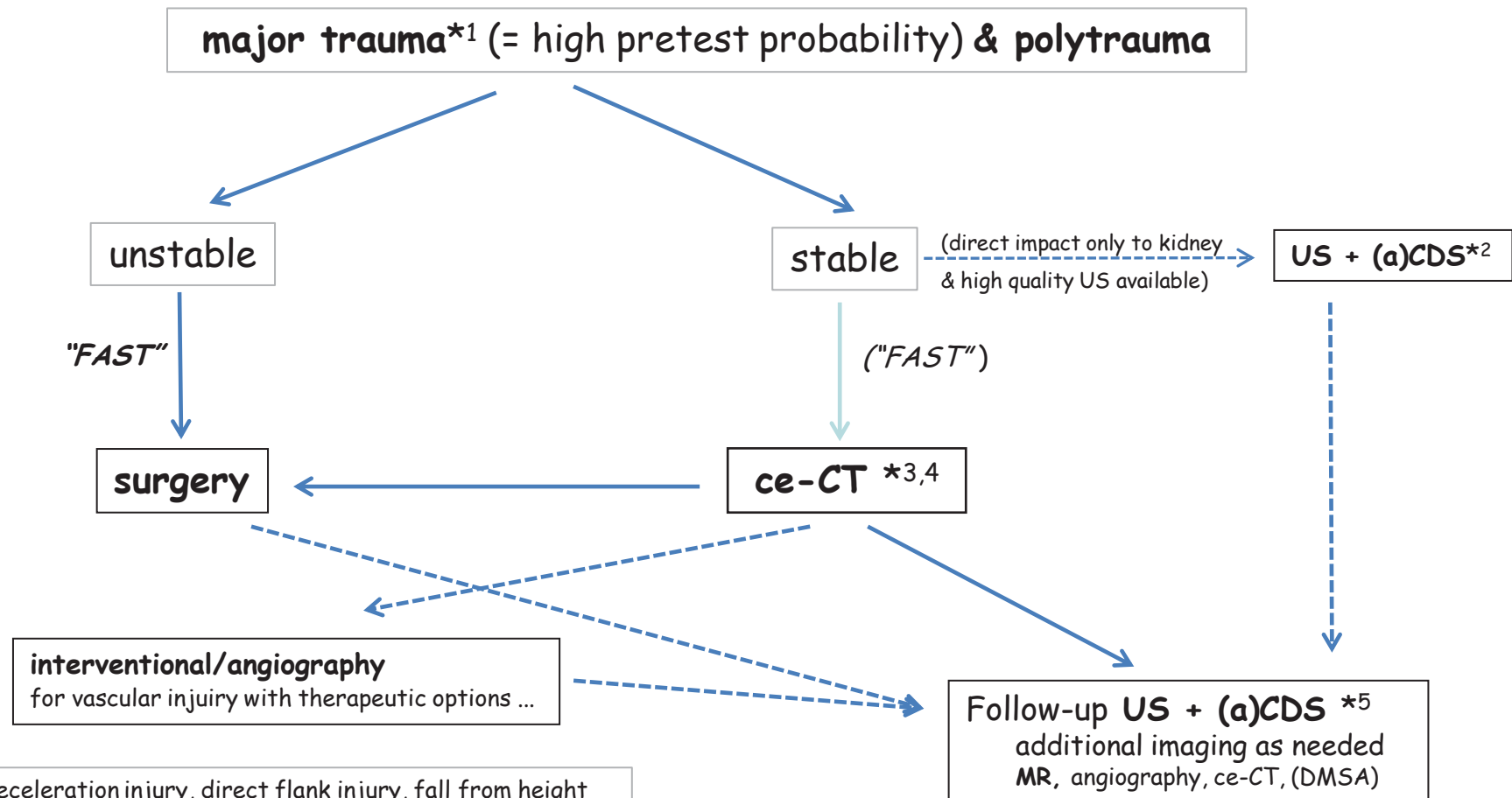


Imaging algorithm in severe pediatric urinary tract trauma



*1 rapid deceleration injury, direct flank injury, fall from height

*2 examination of entire abdomen & pelvis, if available potentially ce-US

*3 see previous procedural recommendation

*4 for **bladder** injury query : VCUg
late phase ce-CT/CT-CG only, if CT done for other reasons

*5 US + (a)CDS (+ ce-US) = first choice for follow-up
if vascular complications suspected => angiography & embolization
potentially MR - especially for late presentation & follow-up
⇒ avoid repeated unnecessary CT's !

Abbreviations:

(a)CDS = (amplitude-coded) colour Doppler sonography, ce-CT= contrast-enhanced computed tomography; ce-US = contrast-enhanced ultrasound; CT-CG = CT-cystography; FAST = focused assessment with sonography for trauma; MR = magnetic resonance; US = ultrasound; VCUg = voiding cystourethrography