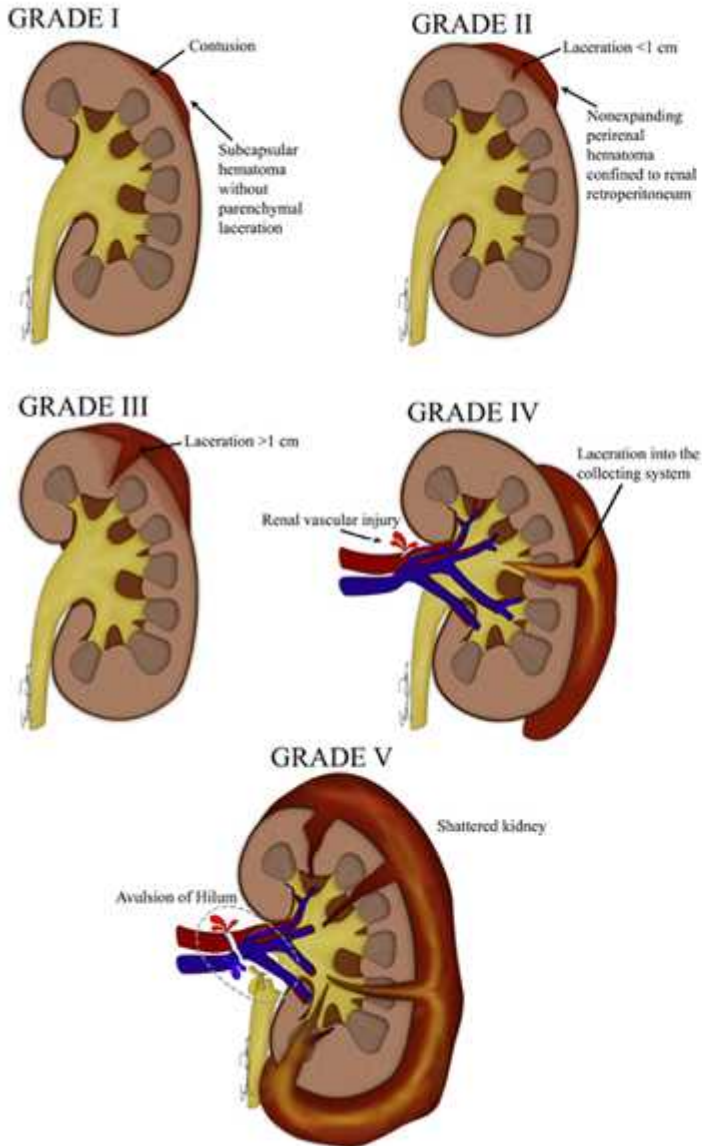


## KIDNEY INJURIES GRADING CHART



GRADE*	Type of Injury	Description of Injury
I	Hematoma	Subcapsular, nonexpanding without parenchymal laceration
	Contusion	Microscopic or gross hematuria, urologic studies normal
II	Hematoma	Nonexpanding perirenal hematoma confined to renal retroperitoneum
	Laceration	Parenchymal depth of renal cortex (1.0 cm) without urinary extravasation
III	Laceration	Parenchymal depth of renal cortex >1 cm without collecting system rupture or urinary extravasation
IV	Laceration	Parenchymal laceration extending through the renal cortex, medulla and collecting system
	Vascular	Main renal artery or vein injury with contained hemorrhage
V	Laceration	Completely shattered kidney
	Vascular	Avulsion of renal hilum which devascularizes kidney

\* Advance one GRADE for bilateral injuries up to Grade III