

TABLE 13-8 Causes of Postoperative Acute Renal Failure

INFLOW OR PRERENAL	PARENCHYMAL OR RENAL	OUTFLOW OR POSTRENAL
Sepsis	Renal ischemia	Cellular debris (acute tubular necrosis)
Medications	Drugs (aminoglycosides, amphotericin)	Crystals
Nonsteroidal anti-inflammatory drugs	Iodinated contrast media	Uric acid
Angiotensin-converting enzyme inhibitors	Interstitial nephritis	Oxylate
Intravascular volume contraction		Pigment
Hypovolemia		Myoglobin
Hemorrhage		Hemoglobin
Dehydration		
Atherosclerotic emboli		
Third spacing		
Cardiac failure		

Townsend, C.M., Beauchamp, D.R., et al. (eds.). *Sabiston: Textbook of Surgery, The Biological Basis of Modern Surgical Practice*. (19th ed.).