




## Texas Tech MedCast Podcast Episode Fact Sheet

Podcast Series	<b>Reynolds Geriatrics Series • USMLE Prep</b>
Episode Title & Question Number	<b>“Kenny’s Kidney,” Question #26 (2008 Sample Questions)</b>
Personnel	<p>Jason Ginos, Hal Levine, Mark Glover, Jesus Trejo, Jessika Chumak, Brian Scott, Justin Muhlenberg</p> 
Recording Date	March 6, 2009
USMLE Question	<p><b>Question 26, Page 29</b>  <a href="http://download.usmle.org/2008step2.pdf">http://download.usmle.org/2008step2.pdf</a></p> <p>A 78-year-old man comes to the physician because of swelling of both ankles for 4 days. He has been taking indomethacin for low back pain for 2 weeks with partial relief of symptoms. Examination confirms the pedal edema but is otherwise unremarkable; the bladder is not distended. His serum urea nitrogen concentration is 56 mg/dL, and creatinine level is 2.9 mg/dL; these values were previously within normal limits. Which of the following is the most appropriate next step?</p> <p>(A) Discontinuation of indomethacin          (B) Prescription for a thiazide diuretic          (C) Evaluation for multiple myeloma          (D) Measurement of urine sodium and creatinine concentrations          (E) Renal ultrasonography</p>
Learning Objectives <i>The listener should be able to:</i>	<ul style="list-style-type: none"> <li>• Recognize common causes of renal failure in geriatric patients</li> <li>• List the side of effects of indomethacin</li> <li>• Identify indications for a thiazide diuretic</li> </ul>



	<ul style="list-style-type: none"> <li>• Describe the link between renal failure and multiple myeloma</li> <li>• Determine appropriate reasons for measuring urine sodium and creatinine concentrations</li> <li>• Identify pertinent indications for ultrasonography</li> <li>• Determine appropriate steps in treatment for renal failure in the elderly</li> </ul>
Key Teaching Points	Recognition that NSAIDs can cause kidney failure so discontinuation of indomethacin is the appropriate first step in treatment.
Comments	
References	<p><b>The renal effects of nonsteroidal anti-inflammatory drugs in older people: findings from the Established Populations for Epidemiologic Studies of the Elderly.</b> Field TS - <i>J Am Geriatr Soc</i> - 01-MAY-1999; 47(5): 507-11</p> <p>Webb, JA. Regular review: Ultrasonography in the diagnosis of urinary tract obstruction. <i>BMJ</i> 1990; 301:944.</p> <p>Bosniak, MA. The small (<math>\leq 3.0</math> cm) renal parenchymal tumor: Detection, diagnosis, and controversies. <i>Radiology</i> 1991; 179:307.</p> <p>Curry, NS. Small renal masses (lesions smaller than 3 cm): Imaging evaluation and management. <i>AJR Am J Roentgenol</i> 1995; 164:355.</p> <p>Moghazi, S, Jones, E, Schroeppele, J, et al. Correlation of renal histopathology with sonographic findings. <i>Kidney Int</i> 2005; 67:1515.</p>

