

70. Johansson H, Sjölander P, Sojka P. Activity in receptor afferents from the anterior cruciate ligament evokes reflex effects on fusimotor neurones. *Neurosci Res* 1990;8:54-9.
71. Sojka P, Sjolander P, Johansson H, Djupsjöbacka M. Influence from stretch-sensitive receptors in the collateral ligaments of the knee joint on the γ-muscle-spindle systems of flexor and extensor muscles. *Neurosci Res* 1991; 11:55-62.
72. Buchanan TS, Kim AW, Lloyd DG. Selective muscle activation following rapid varus/valgus perturbations at the knee. *Med Sci Sport Exerc* 1996;28:870-6.
73. Osternig LR, Caster BL, James CR. Contralateral hamstring (biceps femoris) coactivation patterns and anterior cruciate ligament dysfunction. *Med Sci Sports Exerc* 1995;27:805-8.
74. Salo PT, Tatton WG. Age-related loss of knee joint afferents in mice. *J Neurosci Res* 1993;35:664-77.
75. Maier I, Wilhelm G. Osteoarthritis-like disease in mice: effects of anti-arthrotic and anti-rheumatic agents. In: Lott DJ, Jasani MK, Birdwood GFB, editors. *Studies in osteoarthritis: pathogenesis, intervention and assessment*. Chichester (NY): John Wiley and Sons; 1987. p. 75-83.
76. Wilhelm G, Maier R. Observations on the influence of weight-bearing stress and movement on the joints of mice predisposed to osteoarthritis. *Aktuelle Rheumatol* 1987;12:161-7.
77. Barrack RL, Skinner HB, Cook SD, Haddad RJ. Effect of articular disease and total knee arthroplasty on knee joint-position sense. *J Neurophysiol* 1983;50:684-7.
78. Barrack RL, Skinner HB, Buckley SL. Proprioception in the anterior cruciate deficient knee. *Am J Sports Med* 1989; 17:1-6.
79. Timoney JM, Inman WS, Quesada PM, Sharkey PF, Barrack RL, Skinner HB, et al. Return of normal gait patterns after anterior cruciate ligament reconstruction. *Am J Sports Med* 1993; 21(6):887-9.
80. Simmons S, Lephart S, Rubash H, Borsa P, Barrack RL. Proprioception following total knee arthroplasty with and without the posterior cruciate ligament. *J Arthroplasty* 1996;11:763-8.
81. Proske U, Schaible H-G, Schmidt RF. Joint receptors and kinaesthesia. *Exp Brain Res* 1988;72:219-24.
82. Osternig LR, James CR, Bercades DT. Eccentric knee flexor torque following anterior cruciate ligament surgery. *Med Sci Sports Exerc* 1996;28:1229-34.

## SE SAP Questions / Questions SESAP

### ITEMS 615-616

A 65-year-old man who smokes two packs per day has left chest wall pain. His medical history is otherwise unremarkable. A chest x-ray reveals a mass adjacent to the chest wall with evidence of rib destruction in the 6th rib. Percutaneous needle biopsy reveals squamous cell carcinoma.

**615.** Prethoracotomy evaluation should include all of the following EXCEPT

- (A) bronchoscopy
- (B) dobutamine stress echocardiography
- (C) anterior mediastinotomy
- (D) thoracoabdominal computed tomography
- (E) pulmonary function testing

**616.** Which of the following would most negatively influence this patient's survival prognosis?

- (A) Mass size greater than 6 cm
- (B) Requirement for resection of more than one rib
- (C) A single positive mediastinal node
- (D) His squamous histology
- (E) Failure to give postoperative adjuvant radiotherapy

For the incomplete statement in Item 615, select the *one* completion that is BEST, and for the question in Item 616, select the BEST answer.

For the critique of items 615 and 616 see page 148.

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