

2. Tina plays the flute in band. While practicing for her upcoming concert she had difficulty keeping the instrument elevated without experiencing a sharp pain down her right arm into her hand. When she was asked where the pain was in her arm she indicated a general area in her forearm and the palmer surface of her hand. She also stated that her neck was tender to touch. What area is her problem likely originating from?
- a. neck
  - b. elbow
  - c. wrist
  - d. none of the above
3. Lucy is the pitcher for the softball team at the salon where she works. She loves playing and the team has been preparing for the end of the season championship game. In addition to this, she just finished styling hair for an entire bridal party the weekend before. She had been complaining to her teammates that the shoulder of her pitching arm had been hurting when she pitched. While she was able to flex and extend her arm she did not have full range of motion and it was painful in the shoulder joint every time she pitched. What type of injury does Lucy most likely have?
- a. fracture of humerus
  - b. shoulder capsulitis
  - c. tricep sprain
  - d. cervical radiculitis
4. Bob was walking his yellow lab Rex when a squirrel ran across their path. Of course Rex's favorite thing to do is chase squirrels and he took off after it running at full speed. Bob, trying to keep up, ran right into the park bench bruising his leg and causing it to swell. Bob thought the injury would heal on its own and therefore did not seek care. However, months later, the lower back pain he also had since the incident had not gone away either. This caused him to make an appointment at your office. Bob thought his leg was just bruised but now the bruised area feels as if it has hardened when you touch it. What type of injury is Bob most likely suffering from?
- a. myositis ossificans
  - b. muscular spasm
  - c. neuritis
  - d. tendonitis
5. Marcy presented to your office complaining of headaches that will not go away. Marcy is a receptionist who is always typing on the computer. Her shoulders are rounded forward. Adjustments help but the pain just returns a short time later. You noticed that every time Marcy comes in to the office she is holding a can of diet soda. The doctor determines that she has neuritis. What factors may contribute to her condition?
- a. working on a computer
  - b. diet sodas
  - c. posture
  - d. all of the above

## STUDY TIPS

*As you have read in the text, chiropractic is based on the relationship between structure and function in the human body. Generally speaking, if the structure is faulty how can there be optimal function. For example, if there is a pothole in the road you have to drive slower and swerve to avoid it or risk damage to your car. If there is a problem with the structure of your spine, signals from the nervous system are slower and their path is not direct. This will affect the organ or tissue the nerve supplies.*