

Try this: Water works These experiments demonstrate how air pressure forces the water to move.

Make a plant sprayer

You'll need: Two plastic straws, a glass of water.

- 1** Stand one of the straws upright in the water. It should be a little taller than the glass (trim the straw if it is too long).
- 2** Hold the second straw at right angles to the first one, as shown in the diagram.
- 3** Blow through the second straw and watch the level of water in the first straw.
If you blow gently, you will see the water rise a little. If you blow very hard, the water will rise to the top of the straw and form a spray.

Why did it happen?

The moving air blowing across the top of the straw has less pushing power than still air. The air pressing down on the water in the glass is able to push harder than the moving air and forces water up the straw.



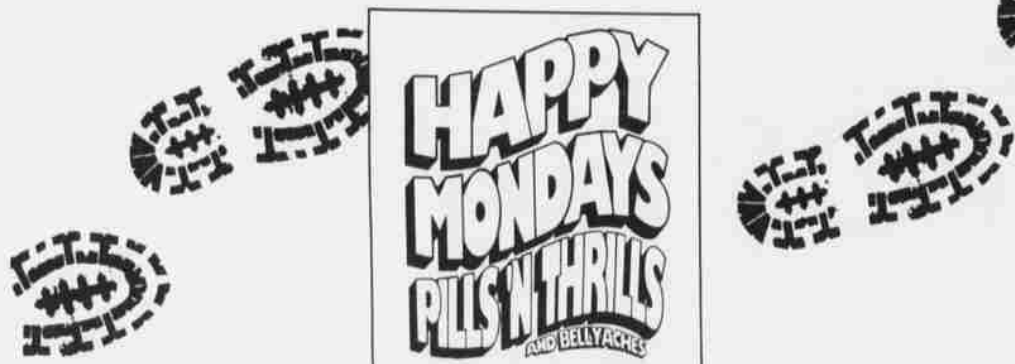
SOURCE: "175 Science Experiments to Amuse and Amaze Your Friends"

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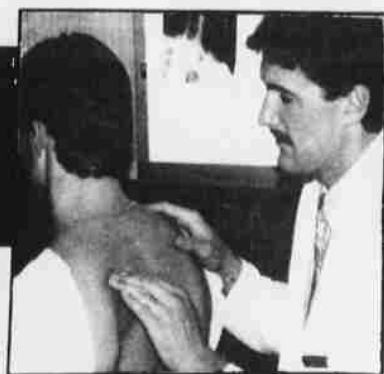
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Bo knows injuries

Bo Jackson's injured hip is the latest in a string of injuries the baseball and football player has sustained. The Kansas City Royals released him on waivers March 18 and his future as an athlete is uncertain.

How he was injured

■ **When:** Jan. 13, playing for the L.A. Raiders in an NFL playoff game against Cincinnati.

■ **How:** Twisted his hip when he was tackled on a 34-yard run in the third quarter.

■ **The injury:** A fracture-dislocation of his left hip, which has resulted in cartilage damage in the hip socket.

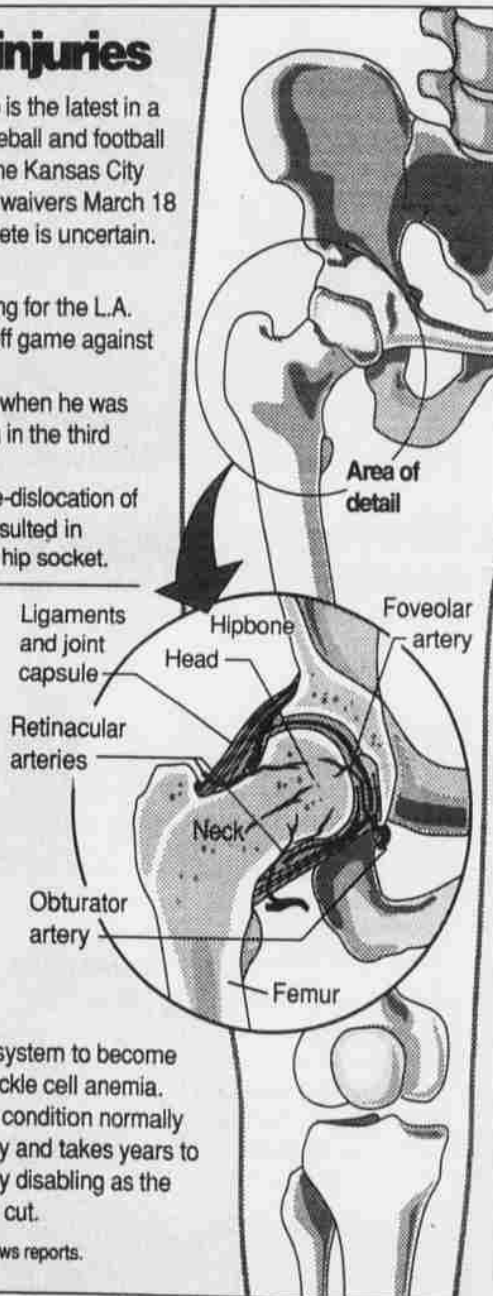
Avascular necrosis

Some reports have said that Jackson has avascular necrosis, a bone tissue disease.

■ **What it is:** Death of cells caused by deficiency of blood supply.

■ **How it happens:** May result from huge corticosteroid intake, excessive alcohol consumption, drugs that cause the immune system to become weakened, trauma and sickle cell anemia. Medical experts say the condition normally does not arise from injury and takes years to develop, but is potentially disabling as the blood flow to the bone is cut.

SOURCE: Chicago Tribune, news reports.



The knuckleball: A vanishing pitch

The knuckleball is a difficult pitch to master, and White Sox right-hander Charlie Hough is one of the successful few. A well-thrown knuckleball has little spin and moves in unpredictable ways, making it difficult to hit.



How it's thrown

The ball is gripped along the seams with the fingernails and thrown with a stiff arm. Ideally, it is released with as little spin as possible.



Path of the knuckleball

Wind current makes the ball flutter in an erratic path to the plate.



Hough on the knuckleball

"It's not easy to do. The slightest deviation in arm movement or release, and it's a lousy pitch. You don't get away with doing it wrong."

SOURCE: Chicago Tribune, "The Complete Baseball Player," news reports