# Teaching Students By Getting Them Out Of Their Seats.

Broken Bones – Feeling of Crepitus

Supplies: Uncooked Spaghetti

Tape (duct or packing)

Pipe insulation (buy at local hardware store)

Cotton Balls

Directions: 1. Cut pipe insulation a little longer than your spaghetti

2. Tape one end and the open side of insulation.

3. Place a cotton ball in the insulation and push toward taped end.

4. Fill the insulation with as much spaghetti as you like

5. Place a cotton ball on the end and tape over the end so the

Spaghetti does not fall out.

6. Break the spaghetti and you can feel the crepitus

Subcutaneous Emphysema-

Supplies: Saran Wrap

Product like Floam ( syrofoam beads in adhesive medium)

Directions: 1. Cut a length of Saran Wrap and lay on the table.

2. Spread Floam out into a thin layer

3. Fold the ends of the Saran Wrap over

4. Have students feel the Floam through the Saran Wrap

Pedal Edema-

Supplies: Saran Wrap

Product like Slime, Noisy Putty ( can make with Borax and Glue)

Directions: 1. Cut a length of Saran Wrap and lay on the table.

2. Spread Slime, or Noisy Putty out into a thin layer

3. Fold the ends of the Saran Wrap over

4. Have students feel the Slime, or Noisy Putty through the Saran

Wrap.

5. If using for a moulaged patient have them wrap around their

ankles and cover with their socks.

Child Birth (Birthing Baby Zombies)

Supplies: Clear Balloons

Growing in water toy ( I used Zombies)

Warm Water

Bucket or something to hold balloon for several days

Tampons ( optional)

Direction:

1. If you want to have a placenta tie the string of a tampon around the belly of the Zombie or toy.
2. Stretch the balloon and place the Zombie and tampon in the balloon ( it may take one person to stretch the balloon and one to place the zombie in the balloon.
3. Fill the balloon with with warm water, and tie off the balloon
4. Let sit for 3 to 4 days.
5. You can point out the placenta and baby within the uterus.
6. Cut the top of the balloon to let the water break
7. Then you need to squeeze and push to get the zombie out of the balloon. (much like the uterus does when trying to squeeze the baby.)