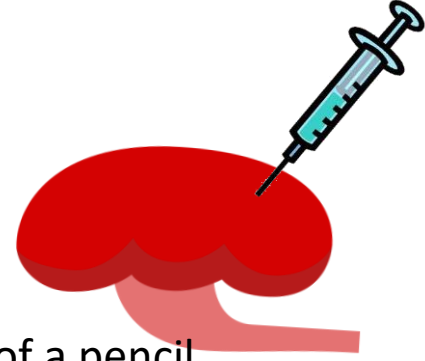


# Kidney Biopsy

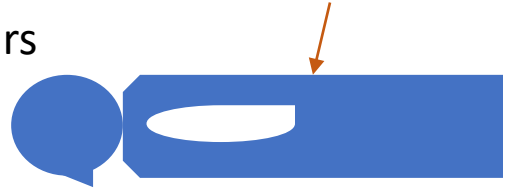


- **Removes kidney tissue for testing**

- Special needle
- Two pieces about ½ inch long and diameter of a pencil lead

- **What happens**

- Nothing to eat or drink for 8+ hours
- Sedation through IV
- Placed face-down on bed
- Ultrasound finds safe place, just below ribs, usually left kidney (but only one kidney needed)
- Area cleaned and local anesthetic given
- Needle placed and kidney sampled with ultrasound guide
- Once done, ultrasound to look for bleeding



- **Major risk - Bleeding**

- Lots of blood in kidneys – 20% of body's blood flow
- Blood may collect at site where needle pokes kidney or enter into urine
- Blood count (hemoglobin) done after biopsy so we do not miss serious bleeding
- Severe bleeding requiring hospitalization, transfusion, or surgery very rare (<<1%)

- **After the biopsy**

- Avoid heavy lifting, contact sports, and other activities that may jiggle the kidney for two weeks