Depicted is a fragment of bone about the size of a pin head magnified approximately 500 times. One complete haversian system is shown in cross-section with the lamellae cut away in a series of steps to indicate relationships more clearly. Portions of two others and a number of interhaversian lamellae are indicated.

THE HAVERSIAN SYSTEM

A key component of the haversian system is the centrally located Haversian Canal. Within the haversian canal are found:

1. and 2. Capillaries

3. Lymphatic spaces
   (see notes below)

4. Nerve
   (see notes below)

The concentric or haversian lamellae (#5) are the ring-shaped structures surrounding the haversian canal. The lacunae (#10) are the spaces scattered along the borders of the lamellae, and may contain osteocytes (bone cells). The bone cells are made up of the:

7. Nucleus,
   and

8. Cell body

The canaliculi (#9) connect the network of lacunae across the lamellae.

The interstitial or interhaversian lamellae (#6) are the structures that fill the areas between the haversian systems. Their makeup is similar to the haversian systems, but they lack the central haversian canal. (They are the remnants of old haversian systems).
CARE OF DENOYER-GEPPERT MODELS
Your Denoyer-Geppert model was designed and manufactured to provide years of satisfactory service. Our models are molded of durable vinyl plastic. The finest lacquers and inks are used in the hand-painting and numbering of all of our models.

In order to clean the model, you should wipe it with a damp cloth, or a cloth wet with a mild soap solution, and wipe dry.

Avoid placing the model in direct sunlight for extended periods. A cloth cover or case will help keep the model clean. Plastic covers should not be used.