

GLOMERULE

Meaning: Glomerule: a small, ball-shaped cluster of capillaries in the kidney that is essential for filtering blood and forming urine.

1. The glomerule is a critical structure in the kidney that plays a key role in the filtration of blood.
2. Researchers are studying the function of the glomerule to understand various kidney diseases better.
3. Each glomerule consists of a tuft of capillaries surrounded by Bowman's capsule, where filtration begins.
4. In conditions such as diabetic nephropathy, the glomerule can become damaged, leading to proteinuria.
5. Maintaining the health of the glomerule is essential for overall renal function and fluid balance in the body.

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