EXPLANATION

Pathologic effects 

Pathologic effects in hypertension or in cases of severe stress or other causes leading to increased blood pressure are manifested by the formation of microscopic lesions in the walls of small blood vessels in various parts of the body, particularly in the kidney, brain, and heart. These lesions are characterized by the accumulation of a proteinaceous material, known as hyaline bodies, which are thought to be a result of the breakdown of the elastic fibers in the walls of the blood vessels. The hyaline bodies can cause narrowing of the blood vessels and can lead to hypertension.

Hyaline bodies may also form in the walls of the arteries supplying the brain, leading to a condition known as cerebral arteriosclerosis. This can cause a decrease in blood flow to the brain, which can result in a range of symptoms, including头晕, confusion, and in some cases, stroke or even death.

The development of hyaline bodies in the walls of blood vessels is a common finding in hypertension and can be an indicator of other cardiovascular diseases as well.

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