

It is divided into two subgroups; the single-unit (unitary) and multi-unit smooth muscle.

Within single-unit cells, the whole bundle or sheet contracts as a syncytium (i.e. a multinucleate mass of cytoplasm that is not separated into cells). Multiunit smooth muscle tissues innervate individual cells; as such, they allow for fine control and gradual responses, much like motor unit recruitment in skeletal muscle.

see [Vascular smooth muscle cells](#)

[Primary intracranial leiomyoma](#) is an extremely rare occurrence of a low-grade [mesenchymal](#) tumor characterized by a proliferation of [smooth muscle](#) cells.

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