CONTRACTILE

Meaning: Contractile refers to the ability of a muscle or tissue to shorten and generate force, enabling movement and function.

1. The contractile properties of muscle fibers are essential for movement and strength.
2. Researchers are studying the contractile function of heart cells to develop better treatments for heart disease.
3. During the experiment, the contractile response of the tissue was measured under varying conditions.
4. Some proteins play a crucial role in the contractile mechanisms of smooth muscle tissues.
5. Understanding the contractile dynamics of different cell types can lead to advancements in regenerative medicine.

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