



### **Healing wounds of patients with marigolds**

Marigold with the scientific name *Calendula officinalis*, due to its reasonable price and availability, can be used in the treatment of wounds and prescribed and used as a treatment method in hospitals and homes to heal the wounds of patients.

Among the properties of marigolds, we can mention the treatment of various problems; Including all kinds of skin rashes, allergies, eczema, dermatitis, swelling and inflammation caused by muscle cramps, muscle injuries and sprains, eye inflammation and itching caused by conjunctivitis and fungal infections.

Botanists' research shows that *Calendula marigold* contains many active elements, including a variety of antioxidants and volatile oils. The strong smell and bright color of this flower is due to the presence of these elements that repel some types of fungi, insects and pests. It also improves blood circulation and controls inflammation.

Free radicals are one of the most important factors of cell deterioration and aging, and calendula not only controls the oxidizing damage of free radicals that affect sensitive body tissues, including the eyes, but also skin infections, genital tract infections, and digestive tract infections caused by viruses and bacteria. Confronts.

In addition, research has shown that marigold can prevent bacterial growth in wounds and can even reduce symptoms associated with chemotherapy and various cancer-related treatments. The ability of marigold to help heal wounds is due to stimulating the production of epithelial cells, and this feature is due to the presence of glycoproteins and nucleoproteins.

Increasing the speed of cell cycle and improving collagen production is one of the characteristic properties of this spring flower. In traditional medicine, marigold products are used to treat internal and external wounds, and in addition to increasing the speed of wound healing, it prevents infection. Even today, products made from calendula are used to improve and speed up the healing of scars (scars), after surgeries, and reduce the pain caused by radiation therapy.

The t-terrenes in the flowers of this plant are its most important anti-inflammatory components. Calendula has anti-inflammatory, restorative and antimicrobial properties, therefore it is used in the treatment of skin inflammations, eczema, cracks and all kinds of wounds.