



New Cotton Gauze **Stops** Bleeding **FAST**



ARS researchers at the Southern Regional Research Center in New Orleans, LA, are behind a new blood-clotting gauze that can help save lives! Uncontrolled bleeding is the main cause of preventable death in people with a traumatic injury. **ARS scientists and their collaborators developed a nonwoven cotton gauze that quickly stanches bleeding and promotes healing.** Known as “**TACgauze**,” the product is made of raw, unbleached cotton rather than the processed cotton typically used. In unbleached cotton, the lipids, waxes, and pectin in the fiber’s outer “cuticle” remain intact, helping to stimulate the body’s production of blood-clotting agents.

TACgauze also releases small amounts of hydrogen peroxide, helping to mobilize wound-healing cells at the injury site. It’s lighter and more absorbent than standard gauzes and may be especially useful in remote locations or other situations where help may be delayed. TACgauze is made exclusively from cotton that’s grown, processed, and packaged in the United States. TACgauze is sold by H&H Medical and is available online.