



“Effect of a DACC dressing on the growth properties and proliferation rate of cultured fibroblasts.” (Falk)

- **Objective:** To study cultured fibroblasts in combination with an experimental wound-healing model, with and without the presence of Sorbact.
- **Method:** An experimental wound-healing model using cultured fibroblast was used, whereby mechanical damage was inflicted to the surface of cultured fibroblasts. The healing and closure of the wound was monitored with and without the presence of Sorbact®.
- **Results:**
 - Fibroblasts did not adhere easily to the dressing material.
 - Sorbact® increased the average proliferation rate of cultured fibroblasts by 50% compared with the untreated control medium ($p < 0.05$).
 - Sorbact® increased the healing rate by more than 100% after 72 hours ($p < 0.05$).
- **Conclusion:** The enhanced wound healing observed in the wounds using Sorbact® may be due to an increase in cell growth and proliferation rate of cells in the wound area.