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EXPERIENCE OF APPLICATION OF LIPIDOCOLLOID TECHNOLOGY DRESSINGS IN LOCAL TREATMENT OF BURNS

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Aim: To evaluate the efficacy of dressings with Technology Lipido-Colloid (TLC) in burns local treatment.

Methods: The study evaluated clinical efficacy of TLC dressings in local treatment of 33 burned patients. Average age of patients was 43.3±2.2, TBSA was 28.2±2% including 5.2±1.6% of full-thickness burns. We assessed terms and quality of wound healing for first and second degree burns and preparation terms for skin grafting after surgical necrectomies in patients with full-thickness burns.

Results: The study showed TLC dressings high efficacy in treatment of patients with burns of I-II degrees. Terms of epithelialization were least after application of silver sulphadiazine TLC dressings. During treatment of limited burns of II degree by silver absorbent dressings, it was observed cleansing of wounds from necrosis and active epithelialization from remained cutaneous appendages.

The preparation terms of III degree burns for skin grafting after surgical necrectomies were the same for silver sulphadiazine TLC dressings and for silver absorbent dressings.

We also applied TLC dressings without silver as cover for 1/4 meshed skin grafts. In these cases, terms of epithelialization took at average 8 days.

All evaluated dressings did not require preliminary preparation, were well adherent on wound surfaces, noninvasive and comfortable for patients.

Conclusions: TLC dressings are effective in treatment of burns. Application of silver sulphadiazine TLC dressings resulted in noninvasive and painless management of Ist- and IInd- degree burns. It was also possible to use TLC dressings as cover for meshed skin grafts.