

## NEW MODALITIES IN WOUND HEALING TREATMENT

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Developing of physical medicine using laser light, quasi-laser and variable magnetic fields is observed for the last two years. The major studies have demonstrated both laser and magnetic fields therapy are effective treatments for faster healing of wounds in soft tissue and reconstructive processes of hard tissue. Biostimulative-regenerative, anti-inflammatory and analgesia characteristics of physical medicine methods have been noticed. According to different studies, variable magnetic fields is used to stimulate tissue repair of postoperative scare. That application include acceleration of collagen synthesis and increase in vascularization which finally faster healing of postoperative scare. Both experimental and clinical studies confirmed that effectiveness of physical medicine therapies are also observed among patients suffering from crural ulceration. Increasing numbers of trials provides an overview of impressive wound healing outcomes using laser and magnetic fields therapies. Nowadays, increased concern of hyperbaric oxygen therapy seems to be promising modality of wound healing treatment.