The Safer Alternative to NSAIDs

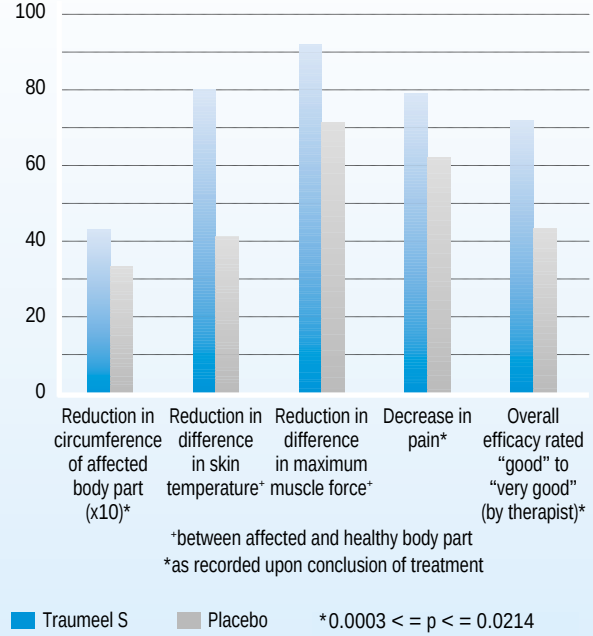
- No GI toxicity
- Does not inhibit platelet aggregation
- No sodium and fluid retention
- No adverse renal, hepatic, cardiovascular, or CNS side effects reported
- Not contraindicated during pregnancy and lactation
- Over 4.5 million packages sold worldwide in 2002

Effective at the Point of Impact

A placebo-controlled, randomized double-blind study of 102 patients compared the efficacy of **Traumeel S ointment** to that of the ointment base (placebo)[2]. For 15 days, the affected body part was covered twice daily with ointment, an occlusive dressing, and a cold compress.

In comparison to placebo, Traumeel S was found to work faster and produce greater improvements in all measured criteria. Traumeel patients resumed their sports activities after only 12.1 days in comparison to 13.5 days for patients in the placebo group.

Changes from start of treatment, in %



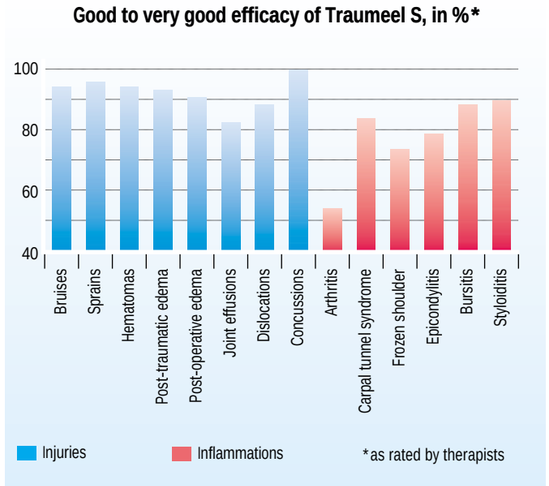
Traumeel®S

Systemic Relief

A prospective study of 1.359 patients treated with either Traumeel S tablets or TraumeelS drops, assessed efficacy, tolerability, and dosage of the medication. The majority of patients took the standard recommended dosage (10 drops or 1 tablet 3 times per day).

The physicians rated the therapeutic outcome “good” to “very good” for more than 80% of the cases involving injuries and for 54–90% of inflammatory conditions[5].

Both Traumeel S drops and tablets were well tolerated; no adverse events occured during the study.



Pharmacological Aspects

Current research indicates that the constituents of Traumeel S modulate a number of different cellular and biochemical pathways and that the effects of Traumeel S are not due to inhibition of cyclooxygenase or lipoxygenase as is the case with nonsteroidal anti-inflammatory drugs (NSAIDs). Traumeel S does not inhibit the arachidonic acid pathway of prostaglandin synthesis. Instead, it seems to work by modulating the generation of reactive oxygen by activated neutrophils and by inhibiting the release of inflammatory mediators and neuropeptides.[6]

In studies of whole blood cultures, certain plant ingredients of Traumeel S have been found to elevate levels of TGF-ß, an anti-inflammatory cytokine, indicating that the immunological bystander reaction may play a role in the action of Traumeel S.[7]

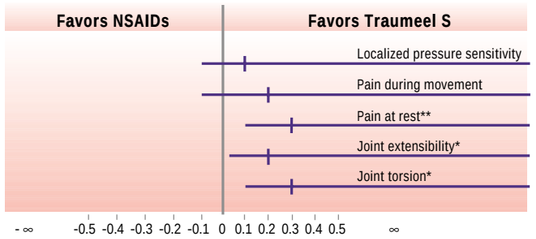
In vitro studies have shown that the ingredients of Traumeel S are noncytotoxic to granulocytes, lymphocytes, platelets, and endothelial cells, which indicates that the defensive functions of these cells are preserved during treatment with Traumeel S.[8]

Placebo-controlled studies, drug monitoring studies, and *in vivo* experimental models including the carrageenan-induced edema test and the adjuvant arthritis test have all demonstrated the anti-inflammatory, anti-edematous, and anti-exudative effects of Traumeel S.[2-5, 8-10]

Traumeel® S

Treatment of Epicondylitis

In an observational study, 163 patients suffering from epicondylitis were treated either with Traumeel or with NSAIDs (primarily diclofenac). Overall results of therapy were rated “very good” or “good” in 71 percent of patients in the Traumeel group in comparison to only 44 percent of the NSAID group. Tolerability was rated “very good” in 87.7 percent of the Traumeel group and only 44.9 percent of the NSAID group. For all evaluated criteria (localized pressure sensitivity, pain during movement, pain at rest, joint extensibility, joint torsion), the efficacy of Traumeel therapy was comparable or even slighty superior to NSAID therapy[11].



Mean difference between symptom scores after two weeks for patients treated with NSAIDs (n = 77) and Traumeel S (n = 86).

* indicates statistically significant superiority of Traumeel S
** indicates significant superiority of Traumeel S

- ***Anti-inflammatory***
- ***Anti-edematous***
- ***Anti-exudative***

References

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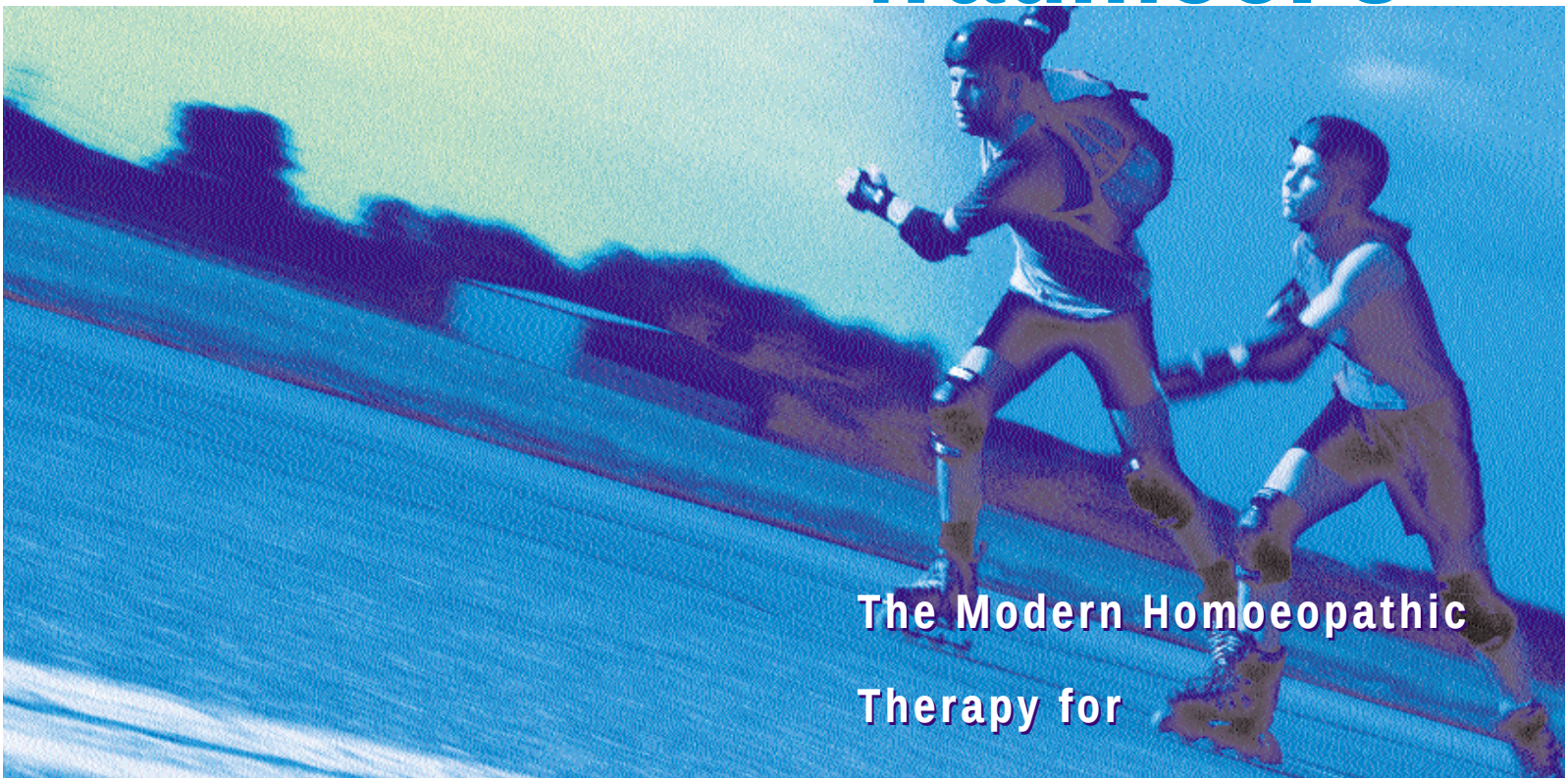
10) Oberbaum M. Randomized, Controlled Clinical Trial of the Homeopathic Medication Traumeel S in the Treatment of Chemotherapy-Induced Stomatitis in Children Undergoin Stem Cell Transplantation. Cancer 2001, Vol 92 No.3, 684-690
11) Publication in preparation.

Traumeel® S
Drops – Tablets – Injection solution – Ointment

Composition: *Drops:* 100 g cont.: Arnica montana D2, Calendula officinalis D2, Hamamelis virginiana D2, Achillea millefolium D3 5 g each; Atropa belladonna D4 25 g; Aconitum napellus D3, Mercurius solubilis Hahnemanni D8, Hepar sulfuris D8 10 g each; Chamomilla recutita D3, Symphytum officinale D8 8g each; Bellis perennis D2, Echinacea angustifolia D2, Echinacea purpurea D2 2 g each; Hypericum perforatum D2 1 g. Contains 35 vol.-% alcohol. *Tablets:* 1 tablet cont.: Arnica montana D2, Calendula officinalis D2, Hamamelis virginiana D2, Achillea millefolium D3 15 mg each; Atropa belladonna D4 75 mg; Aconitum napellus D3, Mercurius solubilis Hahnemanni D8, Hepar sulfuris D8 30 mg each; Chamomilla recutita D3, Symphytum officinale D8 24 mg each; Bellis perennis D2, Echinacea angustifolia D2, Echinacea purpurea D2 6 mg each; Hypericum perforatum D2 3 mg. *Injection solution:* 2.2 ml cont.: Arnica montana D2, Calendula officinalis D2, Chamomilla recutita D3, Symphytum officinale D6, Achillea millefolium D3, Atropa belladonna D2 2.2 µl each; Aconitum napellus D2 1.32 µl; Bellis perennis D2 1.1 µl; Hypericum perforatum D2 0.66 µl; Echinacea angustifolia D2, Echinacea purpurea D2 0.55 µl each; Hamamelis virginiana D1 0.22 µl; Mercurius solubilis Hahnemanni D6 1.1 mg, Hepar sulfuris D6 2.2 µl. *Ointment:* 100 g cont.: Arnica montana D3 1.5 g; Calendula officinalis Ø, Hamamelis virginiana Ø 0.45g each; Echinacea angustifolia Ø, Echinacea purpurea Ø, Chamomilla recutita Ø 0.15 g each; Symphytum officinale D4, Bellis perennis Ø 0.1g each; Hypericum perforatum D6, Achillea millefolium Ø 0.09 g each; Aconitum napellus D1, Atropa belladonna D1 0.05 g each; Mercurius solubilis Hahnemanni D6 0.04 g; Hepar sulfuris D6 0.025 g. Ointment base: Hydrophilic ointment, preserved with 12.5 vol.-% ethanol. **Indications:** *Drops, tablets, injection solution:* Injuries such as sprains, dislocations, contusions, effusions of blood and effusions into a joint, fractures; post-operative and post-traumatic oedema and swelling of the soft tissues; inflammatory processes and degenerative processes associated with inflammation on the various organs and tissues, including, in particular, on the support and mobility apparatus (tendovaginitis, styloiditis, epicondylitis, bursitis, scapulohumeral periarthritis, etc.); arthrosis of the hip, knee and small joints; commotio cerebri acuta. *Ointment:* Injuries of all kinds (sports, accidents) such as sprains, dislocations, contusions, effusions of blood and effusions into a joint, fractures, etc.; inflammatory processes and degenerative processes associated with inflammation on the various organs and tissues (e.g. periodontitis, suppuration of the gingival pockets, periodontosis), including, in particular, on the support and mobility apparatus (tendovaginitis, bursitis, scapulohumeral periarthritis), arthrosis of the hip, knee and small joints. **Contraindications:** Hypersensitivity to botanicals of the Compositae family. **Side effects:** *Drops, tablets, injection solution:* In isolated cases, hypersensitivity reactions may occur. In rare cases, increased flow of saliva may occur after taking this medication. If this happens, the therapist should be consulted. *Ointment:* In isolated cases, hypersensitivity reactions may occur. Local allergic reactions (skin inflammation) have been reported. **Dosage:** *Drops:* In general 10 drops 3 times daily; for swelling of the soft tissues 30 drops 3 times daily. *Tablets:* In general, 1 tablet to be dissolved in the mouth 3 times daily. *Injection solution:* In acute disorders daily, otherwise 3-1 times weekly 1-2 ampoules i.m., s.c., i.d. (in the case of wheals), i.v., intra-articular or periarticular. Warning: In rare cases after intra-articular administration of Traumeel S (injection solution), temporary painful joint irritation may occur, possibly with sterile effusions. Administration of anti-inflammatory medication is appropriate palliative treatment in such cases. *Ointment:* Apply to the affected parts and rub in, morning and evening, or if necessary, more often, possibly also applying an ointment dressing. Warning: Avoid prolonged application of the ointment to large areas. **Package sizes:** *Drops:* Drop bottles containing 30 and 100 ml. *Tablets:* Packs containing 50 and 250 tablets. *Injection solution:* Packs containing 5, 10, 50 and 100 ampoules of 2.2 ml. *Ointment:* Tubes containing 50 and 100 g of ointment.

Revised: May 2003

Traumeel® S



Acute Traumatic Injuries

Inflammation

Arthritis

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