

原 著

## 治打撲一方による橈骨遠位端骨折手術後急性期の患部腫脹に対する治療効果

生田 憲史 \* 関谷 勇人 \* 高田 直也 \* 林 義一 \* 柴田 芳宏 \* 勝田 康裕 \*

**要旨**：不安定型橈骨遠位端骨折に対する掌側ロッキングプレート固定手術（PLP）術後急性期の患部腫脹は、痛みや可動域制限などの自覚症状と比較して軽視されがちで自然消退するまで放置されることが多く、患者の治療満足度を下げる要因である。PLP手術の翌朝より治打撲一方の内服を開始した治打撲群と対照群を対象に手関節部腫脹の推移を評価した。局所の腫脹を手関節単純X線正面像における骨/軟部組織影の割合で評価すると、手術直後に対し手術1週経過時の腫脹増加率は治打撲群で有意に低かった。PLP術後に腫脹疼痛が強く外固定ギブスの割入れや除去を要した例も、治打撲群で有意に少なかった。消炎鎮痛、駆瘀血、抗酸化作用を有する治打撲一方は、漢方的な証を考慮せず使用可能であり、PLP手術後急性期の腫脹改善に効果的であった。

**索引用語**：治打撲一方、橈骨遠位端骨折手術、腫脹

### PAIN AND KAMPO MEDICINE Vol.29 (2019)

#### Therapeutic effects of the jidabokuippo on the local swelling of distal radial fractures after surgeries by locking compression plates

Kenji IKUTA \*, Isato SEKIYA \*, Naoya TAKADA \*, Yoshikazu HAYASHI \*, Yoshihiro SHIBATA \*, and Yasuhiro KATSUDA \*

**Abstract**: The jidabokuippo is one of kampo formula which was developed in Japan and used for pain and swelling relief after trauma. We examined the internal use effects of jidabokuippo on the swollen lesion in the acute phase of postural palmar locking plate fixation surgery (PLP) for unstable radius distal fracture. We compared two groups of 25 patients who started oral administration of jidabokuippo from the next morning of surgery and 25 patients who are not taking oral administration. We evaluated the local swelling growth rates of forearms on three points (distal, intermediate, proximal part) one week after the surgery in the ratio of the soft tissue shadow in plain roentgenograms. In the formula administration group, the swelling increase rate at 1 week after the operation was significantly lower than that immediately after surgery. There was also significantly few cases in which the swelling pain was strong after PLP surgery and exterior fixation casting was required to be cleaved and removed in the administration group. Jidabokuippo have an anti-inflammatory analgesic effect, an antioxidant effect, and an effect of normalizing blood flow stagnation, and it was effective even if it was used without using the diagnostic method of traditional Japanese medicine. It was effective for improving swelling in the acute phase after PLP surgery without adverse events.

**Key words**: jidabokuippo, surgeries of distal radial fractures, local swelling

\* Department of Orthopedic Surgery, Kainan Hospital

Offprint requests to: Kenji IKUTA, Department of Orthopedic Surgery, Kainan Hospital.  
396 Minamihonnda, Maegasu-chou, Yatomi-shi, Aichi 498-8502, Japan