The Clinical Study on Bee Venom Acupuncture Treatment on Osteoarthritis of Knee Joint

Lee Seong-no*, Hong Seo-young**, Jo Hyun-chol**, Byun Im-jeung*, Song Ho-sueb* and Kim Kee-hyun*

*Department of Acupuncture & Moxibustion, College of Oriental Medicine, Kyung-Won University
**Department of Oriental Rehabilitation Medicine, College of Oriental Medicine, Kyung-Won University

Objective: The study was performed to evaluate the effect of treatment for Osteoarthritis of knee joint by using Bee Venom Acupuncture that is well known for anti-inflammatory and analgesic effect.

Methods: We investigated 50 cases of patient with Osteoarthritis of knee joint from 1st July 2001 to 31st December 2002. 50 cases of patient with Osteoarthritis in knee joint treated at the department of acupuncture & moxibustion of Kyung-Won University Oriental Hospital were randomly selected for two group. One group was treated by Bee Venom Acupuncture therapy, the other group was treated by Filiform Acupuncture therapy. We studied nine-point scale and improvement degree of the grade of clinical symptoms.

Results:
1. In the results of treatment, 88% were above "Good" of Bee Venom Acupuncture and 68% in Filiform Acupuncture.
2. In the nine-point scale, Bee Venom Acupuncture was more effective than Filiform Acupuncture.
3. In the improvement degree of the grade of clinical symptoms, Bee Venom Acupuncture was more effective than Filiform Acupuncture.

**Conclusions:** In the treatment of Osteoarthritis of knee joint, Bee Venom Acupuncture can be regarded as more effective treatment than Filiform Acupuncture in the clinical practice. This is expected to be available for clinical use.

**Key words:** Osteoarthritis, Knee Joint, Bee Venom Acupuncture, Filiform Acupuncture

## I. 緒 論

退行性膝関節炎은 關節軟骨이 손상되어 아로써 가대 및 복합의 기능과 관계가 있으면서 退出性 關節疾患, 骨關節炎이라고도 불리워진다.1) 退出性膝関節炎은 膝關節炎의 호발 부위로 關節軟骨의 退行性 变化는 年齢에 기인하는 것 외에도 膝關節部의 病変이나 損傷, 疼痛, 炎症, 肿瘤, 膝関節 疼痛, 血腫, 骨頭, 骨頭, 骨頭의 肿大, 血腫, 疼痛 등의 증상을 수반하므로 膝関節 病的 症状에 適合하여 首先治療, 首先治療, 首先治療 등으로 治療하고 있다.

蜂毒療法은 免疫界를 活性화시키고, 抗炎症, 細胞溶解, 神經通路, 效果, 抗細菌 및 抗真菌, 放射線, 保護作用 이 있는 것으로 알려졌으며, 實験의으로 抗炎, 消炎, 鎖痛, 解熱, 活血, 抗痙攣, 免疫增強 等의 作用이 報告~6) 되었으며 이러한 作用을 通して 筋肉痛, 急·慢性關節炎, 神經痛, 痛風, 退化性 疾患, 高血壓, 頭痛, 腎痛, 打撲傷, 拔損傷, 拔損傷 等의 關節治療, 膝関節 疼痛, 膝関節炎, 自家免疫 疾患, 病等의 疾患에 應用1)~6) 된다.

退行性膝関節炎에 대한 臨床의 研究로는 김7)이 毫潰治療를 通하여 良好한 效果를 보았고, 김8), 9) 이 蜂毒療法治療를 通하여 良好한 效果를 보았고, 황10) 이 報告8) 薬療, 11) 이 題目에서 疾患으로 良好한 效果를 보았다고 報告하였다.

이에 之者는 2001年 7月 1日부터 2002年 12月 31日까지 膝関節痛을 主訴로 嘗藥大院 couples 가한 韓方病院에 審査한 患者中 理學的 検査, 膝関節 X-