

## THE OSMO PATCH

### Clinical Application Report

Thesis: Our academe has carried out clinical observations in order to evaluate the curative effect to joints aggravation, lower limbs aggravation, rheumatism aggravation, peri-arthritis humeroscapularis, cervical spondylosis, neuropathic lumbago, dysmenorrhea, aggravation of furuncle and carbuncle. And we have got satisfactory clinical curative effect. The result: the effective rate is 81.15% during 260 observation cases. The conclusion report is as the following:

#### **One. General clinical information:**

Clinical tryout duration: 8 months.

*Analysis for diseases species and cases*

#### 1. 33 cases for joints aggravation

(1) Sex analysis: male: 13 cases, female: 20 cases

(2) Age analysis: between 26 years old to 68 years old, average age is 35.3 years old

(3) State of diseases analysis: calculated by diagnose time, 12 cases within six months, 10 cases within 6 months to two years, 11 cases for over two years.

#### 2. 35 case for lower limb aggravation

(1) Sex analysis: male: 15 cases, female: 20 cases

(2) Age analysis: between 32 years old to 70 years old, average age is 42.5 years old

(3) State of diseases analysis: calculated by diagnose time, 8 cases within six months, 10 cases within 6 months to two years, 17 cases for over two years.

#### 3. 32 cases for rheumatism aggravation

(1) Sex analysis: male: 18 cases, female: 14 cases

(2) Age analysis: between 30 years old to 58 years old, average age is 43.3 years old

(3) State of diseases analysis: calculated by diagnose time, 20 cases within six months, 10 cases within 6 months to two years, 2 cases for over two years.

#### 4. 30 cases for peri-arthritis humeroscapularis

(1) Sex analysis: male: 21 cases, female: 9 cases

(2) Age analysis: between 28 years old to 60 years old, average age is 38.5 years old

(3) State of diseases analysis: calculated by diagnose time, 18 cases within six months, 8 cases within 6 months to two years, 4 cases for over two years.

5. 33 cases for cervical spondylosis

- (1) Sex analysis: male: 20 cases, female: 13 cases
- (2) Age analysis: between 26 years old to 65 years old, average age is 35.6 years old
- (3) State of diseases analysis: calculated by diagnose time, 15 cases within six months, 12 cases within 6 months to two years, 6 cases for over two years.

6. 30 cases for neuropathic lumbago

- (1) Sex analysis: male: 14 cases, female: 16 cases
- (2) Age analysis: between 33 years old to 56 years old, average age is 46.3 years old
- (3) State of diseases analysis: calculated by diagnose time, 19 cases within six months, 5 cases within 6 months to two years, 6 cases for over two years.

7. 32 cases for dysmenorrhea

- (1) Sex analysis: all are female: including 16 cases for spinsterhood, 10 cases for those in double harness but not pregnancy, 6 cases for having bearing and during contraception
- (2) Age analysis: between 18 years old to 38 years old, average age is 23.5 years old
- (3) State of diseases analysis: calculated by diagnose time, 18 cases within six months, 12 cases within 6 months to two years, 2 cases for over two years, 15 cases for ache before dysmenorrhea, 17 cases for ache during dysmenorrhea.

8. 35 cases for irritation of furuncle and carbuncle

- (1) Sex analysis: male: 23 cases, female: 12 cases
- (2) Age analysis: between 18 years old to 40 years old, average age is 26.7 years old
- (3) State of diseases analysis: calculated by diagnose time, 19 cases within 2 to 3 days, 10 cases within 4 days to 6 days, 6 cases for over 7 days. All are non-cancerous cases.

*The method of clinical test:*

**Two. the method of clinic experimentation**

Dysmenorrhea plaster adhere to the Guan Yuan. The others please adhere the patch to the ache and swollen part one patch a day above eight hours a time, three times a period of treatment. Please go on the next period of treatment after two days. You should see the curative effect of the patch after five period of treatment.

### **Three. The appraisal and standard of the curative**

Please go on cure five periods of treatment, according to “the standard of illness cure” and “the standard of symptom improving”.

(1) Articulation aggravation, crura aggravation, rheumatism aggravation, the round of shoulder inflammation, cervical spondylosis, neuropathic lumbago, the standard of symptom improving:

1. Eliminating: during five periods of treatment, eliminate the symptom of the ache, aggravation, tumidness, restriction of limb.
2. Apparent Effect: during five periods of treatment, ameliorate the symptom of the ache, aggravation, tumidness, restriction of limb.
3. Efficiency: during five periods of treatment, decrease the symptom of the ache, aggravation, tumidness, restriction of limb.
4. Inefficiency: during five periods of treatment, don't improve the symptom of the ache, aggravation, tumidness, obstacle of limb.

(2) The ameliorative standard of dysmenorrhea symptom

1. Eliminating: during five periods of treatment, eliminate the symptom of underbelly weight down, bulge and ache. Blood flow.
2. Apparent Effect: during five periods of treatment, improve the symptom of underbelly weight down, bulge and ache, poor blood flow.
3. Efficiency: during five periods of treatment, ease the symptom of underbelly weight down, bulge and ache, poor blood flow.
4. Inefficiency: during five periods of treatment, don't improve the symptom of underbelly weight down, bulge and ache, poor blood flow.

(3) The ameliorative standard of carbuncle symptom

1. Eliminating: during five periods of treatment, eliminate the symptom of part red, turgescence, hot, ache and so on, the amount of leucocytes resume natural.
2. Apparent Effect: during five periods of treatment, improve the symptom of part red, turgescence, hot, ache and so on, the amount of leucocytes resume natural.
3. Efficiency: during five periods of treatment, improve the symptom of part red, turgescence, hot, ache and so on, the amount of leucocytes resume natural.
4. Inefficiency: during five periods of treatment, don't improve the symptom of part red, turgescence, hot, ache and so on, the amount of leucocytes is higher than nature.

#### Four. Clinical experiment result

**List 1. Symptom improvement results**

Symptom	Sample	Eliminating		Apparent Effect		Efficiency		Inefficiency	
		eg	%	eg	%	eg	%	eg	%
joints aggravation	33	10	30.30	15	45.50	5	15.20	3	9.00
lower limbs aggravation	35	14	40	8	22.86	8	22.86	5	14.28
rheumatism aggravation	32	14	43.75	7	21.88	8	25	3	9.37
periarthritis humeroscapularis	30	5	16.67	10	33.33	6	20	9	30
cervical spondylosis	33	8	24.24	5	15.15	9	27.27	11	33.34
neuropathic lumbago	30	5	16.67	10	33.33	9	30	6	20
dysmenorrhea	32	13	40.62	7	21.88	5	15.62	7	21.88
aggravation of furuncle	35	15	42.86	5	14.28	10	28.58	5	14.28
<b>TOTAL</b>	<b>260</b>	<b>84</b>	<b>32.30</b>	<b>67</b>	<b>25.77</b>	<b>60</b>	<b>23.08</b>	<b>49</b>	<b>18.85</b>

#### Five. Effect analysis of clinical tryout

- (1) It has the effect of relieving pain, reducing swelling, diminishing inflammation to the symptoms like joints aggravation, lower limbs aggravation, rheumatism aggravation, periarthritis humeroscapularis, cervical spondylosis, neuropathic lumbago, aggravation of furuncle and carbuncle. At the same time, it can cure dysmenorrhea by make blood unblocked. The pain, tumidness, activities obstacle of 260 cases were treated, it shows 5 periods of treatment later,

The rate of eliminating tumidness for joints aggravation is 30.30%, apparent efficiency is 45.50%, efficient rate is 15.20%, inefficiency is 9.00%, total efficient rate is 91.00%.the rate of eliminating tumidness for lower limbs is 40.00%, apparent efficiency is 22.86%, efficient rate is 22.86%, inefficiency rate is 14.28%, total efficient rate is 85.72%. The rate of eliminating tumidness for rheumatism is 43.75%, apparent efficiency is 21.88%, efficient rate is 25.00%, inefficiency rate is 9.37%, total efficient rate is 90.63%. The rate of eliminating periarthritis humeroscapularis is 16.67%, apparent efficiency is 33.33%, efficient rate is 20.00%, inefficient is 30.00%, total efficient rate is 70.00%. The rate of eliminating cervical spondylosis is 24.24%, apparent efficient rate is 15.15%, efficient rate is 27.27%, inefficient rate is 33.34%, total efficient rate is 66.66%.the rate of eliminating neuropathic lumbago is 16.67%. evident efficient rate is 33.33%, efficient rate is 30.00%, inefficient rate is 20.00%, total efficient rate is 80.00%. The rate of eliminating dysmenorrhea is 40.62%, apparent efficient rate is 21.88%, efficient rate is 78.12%, inefficient rate is 21.88, total efficient rate is 78.12%. the rate of eliminating aggravation of furuncle and carbuncle is 42.86%, apparent rate is 14.28% , efficient rate is 28.58%, inefficient rate is 14.28%, total efficient rate is 85.72% . Total efficient rate of all above kinds symptom is 81.15%.

- (2) The patches have the better effect for the symptom of ache, aggravation, activities obstacle; the better effect for short course of diseases.

## **6. Trial conclusion**

Clinical trial indicate, the patches cures swelling and pain in the joints, swelling and pain in the lower part of limbs, swelling and pain of Rheumatism. Inflammation of shoulder, cervical vertebra illness, lumbar pain of the nerve, dysmenorrhea and other such conditions.

## **7. Clinical Contraindications and matters needing attention**

- (1) Local ulcer, patient with ulcer cannot use.
- (2) If patient's condition is serious then should make use of medicines or treat in hospital.

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### **六、试验结论**

临床试验表明,《木酢贴》治疗关节肿痛、下肢肿痛、风湿肿痛、肩周炎、颈椎病、腰痛、痛经、疔痈肿痛等病症,合计消除率为 32.30%,显效率 25.77%,有效率 23.08%,总合计有效率为 81.15%。试验期间,未见任何不良反应。

### **七、临床禁忌症、注意事项:**

- 1、局部溃疡,已破溃者禁用。
- 2、如病情严重应配合药物使用或入院治疗。

