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### A COMPARATIVE STUDY OF KENT'S REPERTORY OF HOMOEOPATHIC MATERIA MEDICA & BOERICKE'S REPERTORY IN CASES OF OSTEOARTHRITIS.

(Dr. Nidhi Vyas, Assistant Professor, Department of Practice of Medicine)

#### **ABSTRACT**

- Osteoarthritis is a non-inflammatory degenerative disorder of joint characterized by focal loss of cartilage with accompanying periarticular response in form of sub-chondral bone sclerosis and attempted new bone formation by way of bony overgrowths called osteophytes.
- Kent's repertory is classed under general group of repertory, we can find so many rubrics related to osteoarthritis esp. pain rubric is elaborated and Boericke's repertory is clinical repertory. So I would like to compare both of this repertories in cases of osteoarthritis.

#### AIM AND OBJECTIVES

- To compare utility of Kent Repertory and Boericke's Repertory in cases of Osteoarthritis.
- To find out the important rubrics of osteoarthritis from Kent Repertory and Boericke's Repertory.
- To find out the important group of medicines for osteoarthritis from Kent Repertory and Boericke's Repertory.

#### **KEYWORDS**

Osteoarthritis, Osteophytes, Inflammation, Swelling, Stiffness, Kent's repertory, Boericke's repertory-all rubrics and comparison.

#### **INTRODUCTION**

- Osteoarthritis is a non-inflammatory degenerative disorder of joint characterized by focal loss of cartilage with accompanying peri-articular response in form of sub-chondral bone sclerosis and attempted new bone formation by way of bony overgrowths called osteophytes.
- According to WHO, prevalence of OA is increased due to related factor obesity. According to UN in 2050, 130 million people in the world will be suffering from osteoarthritis.
- Today, Repertory has become an indispensable aid to Homoeopathic practitioners. Although field of Homoeopathy is crowded with number of repertories but choice of repertory rests on the case.
- Kent's repertory today, in spite of its shortcoming is the greatest repertory planned and most popular. It is said to be the most complete repertory and is backbone of homoeopathic literature. Though, Dr. Kent gives more importance to generals, but when it comes to particulars, extremities are one of the largest chapter and pain rubrics are well described. But, no repertory is complete. So, I have selected Boericke's clinical repertory to make comparative studies between both of the repertories. Many times in cases of OA, we found only clinical symptoms so, it may be useful.

#### **MATERIAL AND METHODS:-**

- 1. Study Setting: Ahmedabad homoeopathic medical college and Sainath hospital. Bopal-Ahmedabad
- **2. Inclusion criteria:** Patients of both gender of all socio economical class above 40 year of age will be included for the study.
- **3. Exclusion Criteria:** Patients below the age of 40 will be excluded and patients with advanced pathology and irreversible pathology are excluded.
- **4. Potencies:** Suitable potency will be selected according to Homoeopathic principles.
- **5. Dose and repetition:** That will be selected according to the homoeopathic principles laid down in organon of medicine.
- **6. Root and administration of medicines:** All the medicines will be administered through oral route.
- 7. Selection of tools-

**Case taking:-** According to the case format designed on the basis of principles given in Organon of Medicine aphorism 83-104.

**Homoeopathic Repertory**- Repertory of the Homoeopathic Materia medica by Dr. KENT. J. T and Homoeopathic Materia medica and Repertory by Dr. O.E.BOERICKE. Software-Mac repertory was used for Repertorization.

**8. Follow up and monitoring:** Follow up of cases were done for 6 months, for first month weekly or 15 days basis and next 5 months every 1-2 month the follow ups were done. 4-5 follow up for study.

#### **RESULTS**

Duration was 12 months. Assessment of progress was based on clinical progress made by individual subject. Detail qualitative data was collected. All collected data and observations were subjected to statistical study. Total 30 cases were studied in which 15 were studied from Kent repertory and 15 were studied from Boericke's repertory.

#### Table-1 – Age and sex age

**Age distribution**- In case study, 30 patients belonging to the age group above 40 year of age were selected, among these total 15 patients was suffering from OA between the age of 40-50. 11 patients were suffering from OA between the age of 51-60 and 04 patients were suffering from OA between the ages of 61-70.

**Sex distribution**- Out of 30 patients studied 25 were females and 05 were males. Out of 30, 14 female patients belonged to the age group of 40-50. 09 female patients were belongs to the age group of 51-60 and 02 female patients were belongs to the age group of 61-70.

Age	Male	Female	Total
40-50	14	01	15
51-60	09	02	11
61-70	02	02	04

#### TABLE-2- BMI and No. of cases

In case study, there were 30 patients. out of 30 patients BMI of 14 patients is between 25.1-30 kg/m2. BMI of 8 patients was between 18-25 kg/m2. BMI of 7 patient was between 30.1-35 kg/m2 and BMI of 1 patient is 36.3 kg/m2.

BMI	No of cases
18-25	08
25.1-30	14
30.1-35	07
35.1-40	01

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#### Table-3 – Common rubrics of OA in study group.

In case study, common rubrics found of OA was stiffness 23 cases out of 30 covers stiffness. 15 patients had a swelling, 13 patient feels cracking in knee joint. 9 patient had a tenderness. No of patient suffering from both knee pain was 5, right knee pain was 9 and left knee pain was 12. 6 patients out of 30 feel pain from motion and 8 patients relieves from motion.

Common rubrics	No of cases	
Pain in both knee	05	
knee Pain in right knee	09	
Pain in left knee	12	
Cracking in knee	13	
Stiffness	23	
Swelling	15	
Tenderness	09	
Pain from motion	06	
Pain relievers from motion	08	

#### Table -4- Distribution of remedies in the study group

Among all 30 cases, Bryonia alba was given to maximum number of cases. Rhus-tox was indicated in 4 cases out of total 30, 3 cases were given Lycopodium, 3 cases were given Causticum, 3 cases were given Pulsatilla, Sepia, Lachesis and Calc carb were given in 2 cases each. Natrum muriaticum, Aurum metallicum, Nux vomica, Ledum pal and Kali carbonicum were given in one case each.

Remedies	No of cases
Lycopodium	3
Natrum muriaticum	1
Sepia	2
Causticum	3
Lachesis	2
Calcarea carbonica	2
Aurum metallicum	1
Pulsatilla	3
Veratrum album	1
Nux vomica	1
Rhus toxicodendron	4
Ledum pal	1
Bryonia alba	5
Kali carb	1

#### Table-5- Distribution of potency in study group

In case study, Out of 30 case, 25 cases had given 30 potency and 5 patients had given 200 potency.

Potency	No of patients	Percentage
30	25	87%
200	05	17%

#### TABLE-6- Involvement of OA in various joints in case study

In case study, 26 patients had a Knee osteoarthritis. Spine involvement was 2 out of 30 cases, shoulder and interphalangeal joint involvement was 1.

<b>Involvement of joints</b>	No of cases
Knee	26
Shoulder	01
Interphalangeal joints	01
Spine	02

#### **TABLE-7: Results found from Kent repertory**

15 cases was repertorised from Kent Repertory and 10 cases shows marked improvement, 03 cases shows moderate improvement and 02 cases shows no improvement in case study.

Results	No of cases
Marked Improvement	10
Moderate Improvement	03
No Improvement	02

#### **TABLE NO-8 - Results found from Boericke Repertory**

15 cases was repertorised from Boericke's Repertory and 08 cases shows marked improvement, 05 cases shows moderate improvement and 02 cases shows no improvement in case study.

Results	No of cases			
Marked improvement	08			
Moderate improvement	05			
No improvement	02			

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#### **DISCUSSION**

This study was conducted to show the effectiveness of Kent and Boericke repertory in cases of osteoarthritis. Assessment of all patients was done before and after treatment. Cases were reviewed at regular intervals. Results shows that there is reduction in stiffness and pain even swelling after homoeopathic treatment and both of the repertory finds useful to treat osteoarthritis.

#### **Conclusion**

In case study, conclusions were arrived after a qualitative statistical analysis by observation of cases. From above observation, we can conclude that both of the repertories- Repertory of Homoeopathic Materia Medica by J.T.KENT and Pocket Manual of Homoeopathic Materia Medica & Repertory by William Boericke, are useful in the cases of OA and their utility depends upon the case at the hand. Cases which are rich in mental symptoms gives better result from Homoeopathic Materia Medica by J.T.KENT and cases with lack of mental symptoms and only having particular symptoms can be referred easily with the help of Pocket Manual of Homoeopathic Materia Medica & Repertory-William Boericke I humbly present this work to Homoeopathic fraternity and hope to bring new thanking & motive new aspirants to explore further utility of the study.

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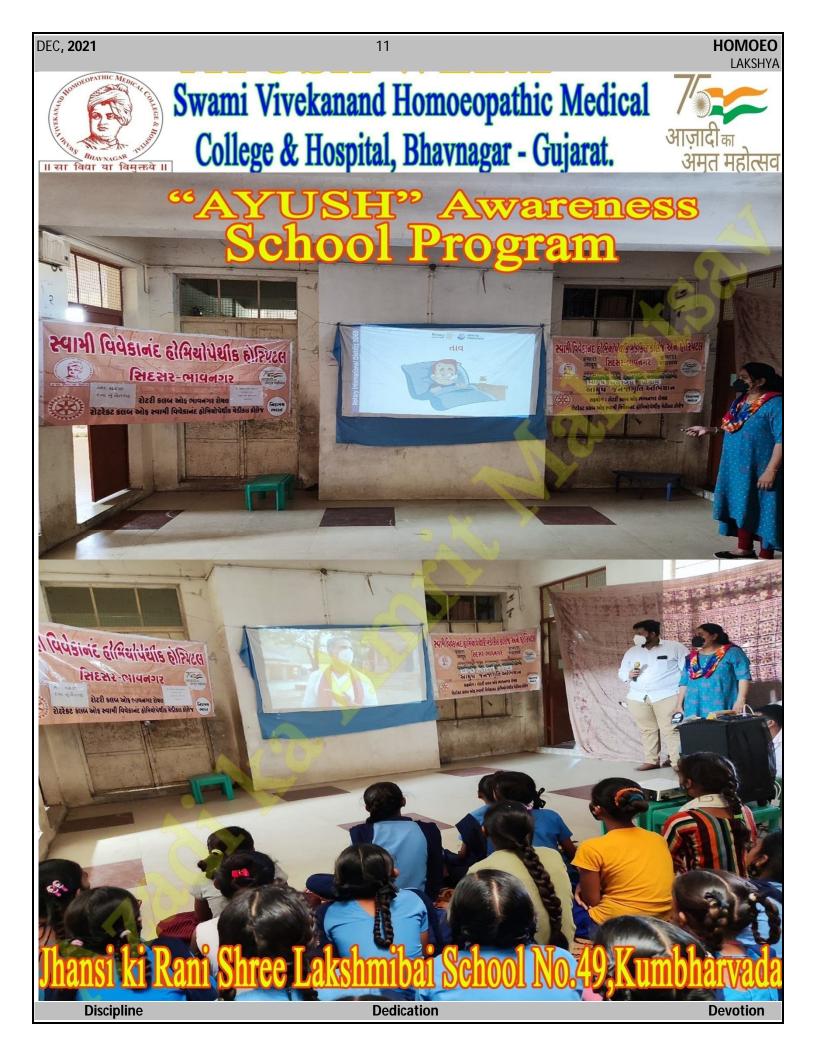


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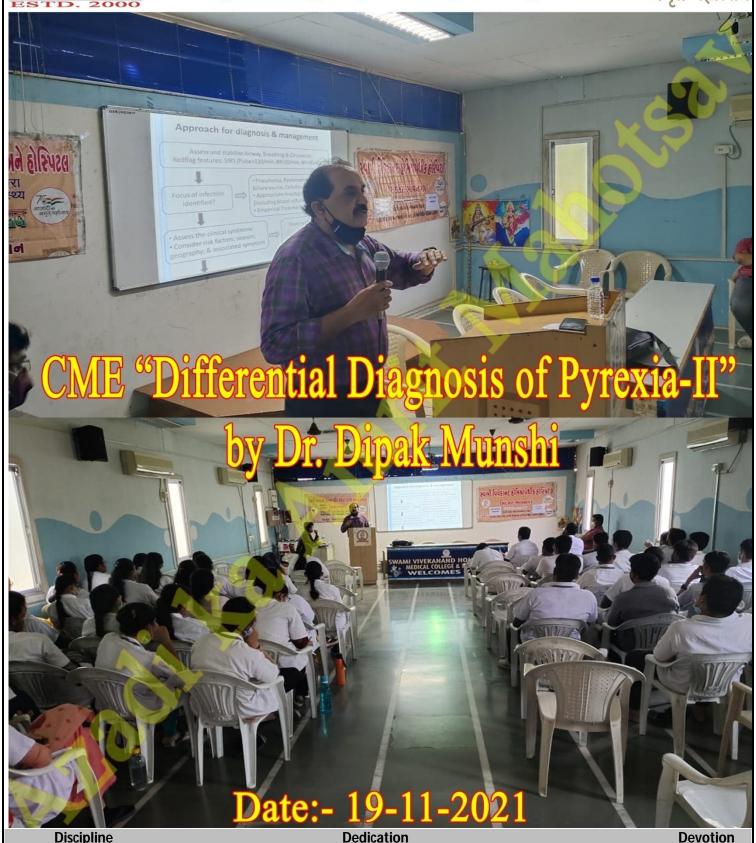












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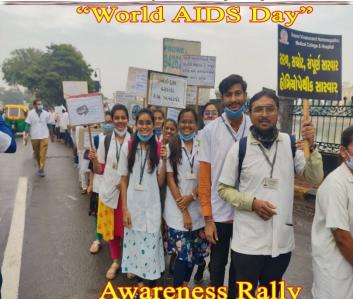
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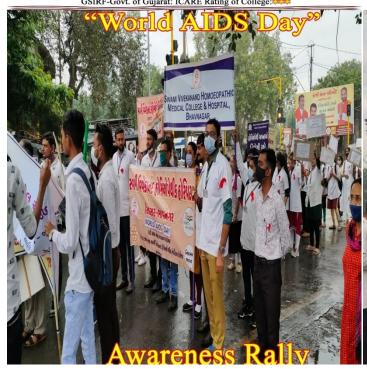


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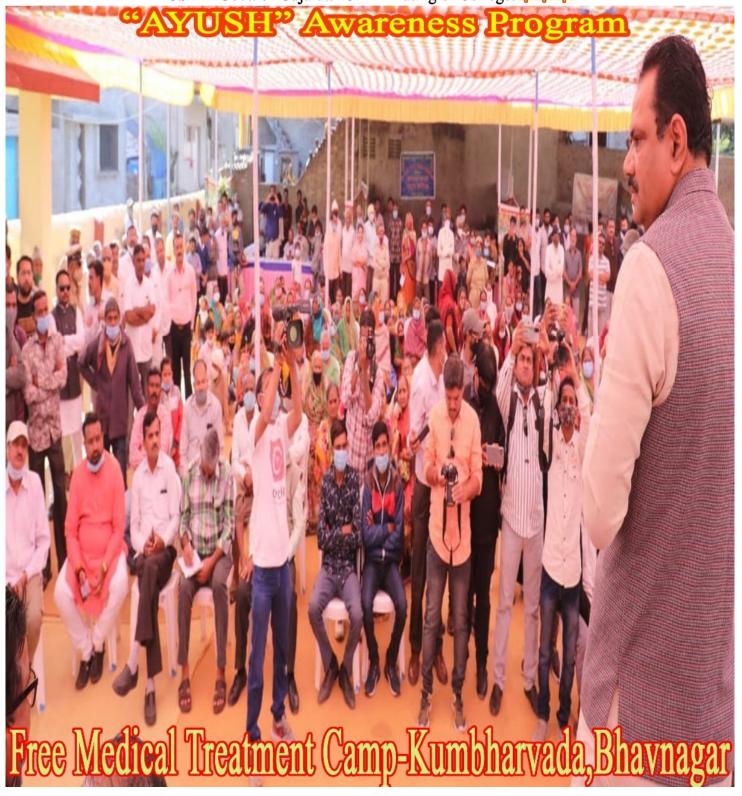
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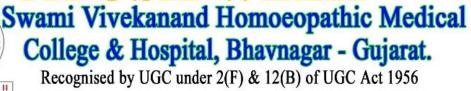
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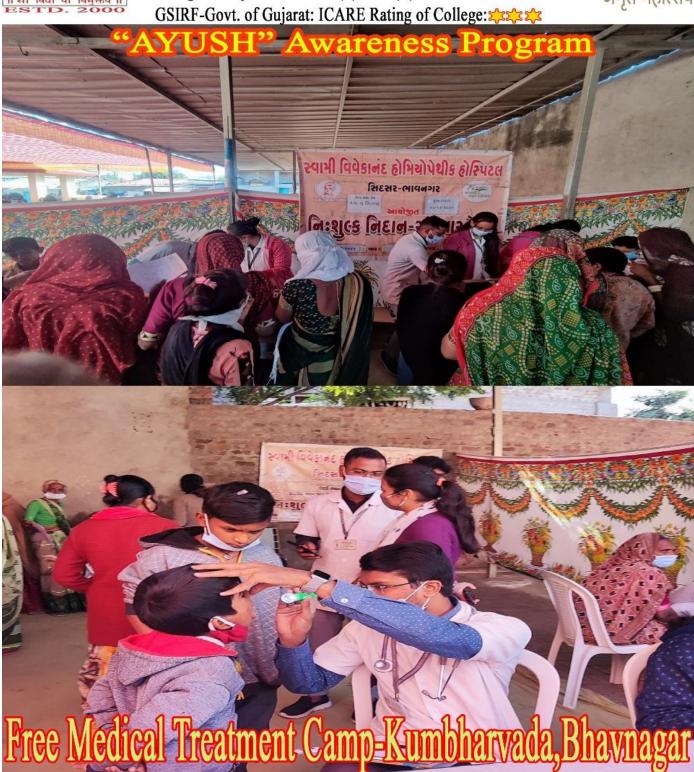
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