

## A Comparative Study of Magnesia preparations.

DR. K. M. BANERJEE, CALCUTTA.

Magnesia Carb is especially suited to persons of irritable disposition with lax fibre. Magnesia Mur is suited to patients with stomach and liver troubles; to women especially hysterical, with uterine troubles and a long history of indigestion. Magnesia Phos is suited to tired, languid, wornout subjects. Magnesia Carb and Magnesia Mur both are useful to children, Magnesia Carb to children of nervous temperament, and Magnesia Mur, especially during dentition. Magnesia Mur is very useful for evil effects of sea bathing, and Magnesia Phos for complaints from standing in cold water or working in cold day.

In the mind their actions are not so prominent, Magnesia Carb causes confusion of mind, and Magnesia Mur has befogged intellect. Magnesia Phos has indisposition for mental exertion. In the head too, their actions are similar. Magnesia Carb has pressive headache. Magnesia Mur has bursting headache. Magnesia Phos has aching pain after mental labor. Headache of Magnesia Mur is better from the pressure caused by wrapping up the head, and those of Magnesia Phos are relieved from warmth.

Magnesia Carb and Magnesia Mur both have agglutination of the lids, but the former has it in the morning and the latter has it in the night. Magnesia Carb has spots before eyes, and Magnesia Phos has colored lights before eyes. Magnesia Carb has hardness of hearing and Magnesia Phos has neuralgic pain in the ears. Nasal discharges of Magnesia Carb are slimy, but those of Magnesia Mur are watery.

Magnesia Carb causes toothache at night, which is unbearable while resting and so the patient is compelled to rise and walk about. It is a very good remedy for toothache, during pregnancy. Magnesia Phos also has severe toothache, it is a

very good remedy for complaints of teething children; Magnesia Carb toothaches are better from cold drinks, but Magnesia Phos toothache better by heat. Magnesia Carb has bloody saliva; Magnesia Mur has increased saliva.

Magnesia Carb is a useful remedy in acid dyspepsia, with this dyspepsia there is a tendency to neuralgia of face. Magnesia Mur is useful for facial neuralgia with constipation. Now again to speak of indigestion:—Magnesia Carb is useful for dyspepsia from milk which sours, but in Magnesia Mur milk passes undigested and causes pain. Magnesia Carb has desire for fruits, acids and vegetable, Magnesia Mur patients know not what they want. Magnesia Carb and Mur both have violent thirst, but Magnesia Carb has it especially towards the evening. Magnesia Carb has sour eructations, Magnesia Mur has eructations tasting like rotten eggs. Magnesia Carb has vomiting of bitter water, Magnesia Mur has nausea and continual rising of water into the mouth. Magnesia Carb has constrictive pain in the stomach, Magnesia Mur has pain in the stomach as from a bruise. Magnesia Carb has griping and cutting pains in the abdomen, Magnesia Mur has drawing and cramp-like pains in the abdomen. Both the remedies have rumbling in the abdomen and emission of flatus, but in the Mag Carb there is relief from it. Magnesia Phos has thirst and like the Carbonate, distension of the abdomen. But in it the distress is so great that he must loosen clothing and walk about. The pain in the abdomen of this last named remedy is so violent that it compels the patient to bend double, and it is relieved by rubbing, pressure and warmth. Magnesia Phos has passing of flatus and belching of gas. Like Magnesia Mur, Magnesia Sulphurica has eructation tasting like rotten eggs and rising of water into the mouth. Like Carbonate and Muriate it has also rumbling in the abdomen and emission of flatus.

Carbonate, Muriate and Phosphate, all have constipation but it is prominent in Muriate. Diarrhoea is peculiar to Carbonate and the stools are green and frothy, like the

scum of a frogpond. The stools of Muriate are knotty, like sheep's dung, and crumbling at the verge of anus; evacuation is difficult, slow and insufficient. In Carbonate the stools are always preceded by griping, but in Muriate there is burning and smarting in anus during and after stool.

Magnesia Mur is a very important remedy in liver troubles, and there is always pain and sensitiveness in the region of liver. Magnesia Muriatica and Magnesia Sulphurica have some action on the urinary organs. In Magnesia Muriatica there is difficulty in voiding urine and the bladder can be emptied only by straining, but the Sulphate has stitches and burning in the orifice of the urethra after urinating.

The menses of Magnesia Carb are too late and scanty, but those of Magnesia Mur are too early and too copious. The Phosphate and Sulphate of Magnesia have too early menses. The menstrual blood of Carbonate is thick and black; that of Phosphate is dark but stringy; and in Muriate it is black but is passed in clots. The discharge of Sulphate is like Carbonate,—thick and black, but profuse and not scanty. In Magnesia Mur, there is pain in the loins during menses, but in Magnesia Carb, the discharge may come after the pains. Magnesia Phos has colic during menses and it is an excellent remedy for dysmenorrhœa. The flow of Carbonate is more profuse during the night than during the day, and the flow of Muriate is more when sitting than when walking. The Muriate and the Sulphate have leucorrhœa.

Magnesia Carb has tickling cough, with salty, bloody expectoration; Magnesia Mur has spasmodic dry cough with burning and sore chest; Magnesia Phos has dry tickling cough and spasmodic cough with difficulty in lying down. It has also whooping cough. Magnesia Carb has constrictive pains in chest, Magnesia Phos has asthmatic oppression of chest. Magnesia Mur and Magnesia Phos both have palpitation of the heart, but in Muriatica it is felt only while sitting.

Magnesia Carb has pain in shoulders, and in limbs in general, but Magnesia Mur has pain in back and hips, in arms

and legs. Magnesia Phos has cramps in calves. Magnesia Sulph has pain in the small of the back, as if bruised. In Magnesia Carb the whole body feels tired, in the Muriatica the arms go to sleep when walking in the morning. Magnesia phos has general muscular weakness, and in Magnesia sulph the left arm and foot fall asleep in bed in the morning after walking.

Both Magnesia Carb and Mur. have unrefreshing sleep with tired feeling in the morning, but the carbonate patients cannot sleep after 2 or 3 a.m. and the Muriate patient cannot sleep on account of heat.

Magnesia Carb and Magnesia Sulph have actions on the skin, the Carbonate has itching vesicles on hands and fingers, and the Sulphate has itching pimples over the whole body.

The Carbonate, the Muriate and the Phosphate have chilliness in the evening, but the Sulphate has chill from 9 to 10 a.m. The Phosphate chills run up and down the back with shivering, but the Sulphate shuddering in back only. The Carbonate has night sweats.

The symptoms of Magnesia Carb and Mur are ameliorated from motion and in the open air, but the symptoms of Magnesia Phos are worse from cold and they are better from warmth, pressure and friction.