Showing the effect of a purin-free diet on five cases. When it was suspended, the patients had sodium bromide substituted for common salt. In case I the latter treatment is shown to be more effectual than the diet. Case III shows abolition of the fits by diet and recovery as regards mental condition. Case II was dieted from date of admission and has had no fits. Case IV showed a reduction of fits by one quarter during the period on diet.
Showing the further diminution in the number of fits during the period in which a furin-free diet was substituted for ordinary diet. A rise occurs on the withdrawal of the diet, and a more marked one on the withdrawal of the medicine, even though sodium bromide was substituted for common salt on the return to ordinary diet and afterwards.
Showing combined effect of sod. salicyl. and pot. bromide, and a furn. free diet,
and, especially in Case VII, the effects of withdrawal. Phases of moon are also illustrated.
Notice how nearly the charts correspond in regard to increases.

Chart of female case treated by sod. salicyl.
90 cc, i.e., illustrating the swing of the monthly totals, showing the tendency to serial fits:
The case passed into status while taking sodium salicylate.

Showing the monthly totals of 4 males on sod. sal. q. XX
Pot. brom. q. XXX
Three daily.
There is less tendency to differences between the monthly aggregates when bromides are added.
Showing a weekly record of the fits, with phases of the moon, during 1906, in three female epileptics treated by sod. salicylate \( \times \times \) and potass. bromid. \( \times \times \times \) thrice daily from 1st March to 1st December. Also treated by a firm-free diet from May 6 to November 3. Case VIII whose fits were nocturnal was given a double dose at bedtime after 8 July instead of a dose thrice daily. The chart shows the effect of the medicine in reducing the fits; the further effect on Case VIII on changing the time of administration, and in VIII + X the effect of sudden withdrawal in bringing about an increase of convulsive fits & passing into status epilepticus. The occurrence of an increase of fits in female in some epileptics at the time of the moon being full is also illustrated.
Chart III

<-- Referred to on page 37.

Showing the effect of salt-starvation on 16 female epileptics, otherwise untreated.

Also showing preponderance of fits in females during the summer months.

<-- page 39

Referred to page 39.

Showing weekly curve of fits in patients on water-treatment—5 pints daily. The upper chart includes all the cases, and the lower the five cases which were benefited. The records are for 9 weeks before and during treatment.
Chart IV

Weekly Chart of a patient 1906
March, bad colic & fit of hem.
26 April, salt starvation.

Also the effects of withdrawal of the medicine.

PATIENTS' DIETARY TABLE—ORDINARY DIET.

<table>
<thead>
<tr>
<th>Days of the Week</th>
<th>MALES</th>
<th>FEMALES</th>
<th>MALES</th>
<th>FEMALES</th>
<th>MALES</th>
<th>FEMALES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bread</td>
<td>Butter</td>
<td>Bread</td>
<td>Butter</td>
<td>Bread</td>
<td>Butter</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday</td>
<td>8</td>
<td>1 1/2</td>
<td>6</td>
<td>1</td>
<td>8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Monday</td>
<td>8 1/2</td>
<td>1 1/2</td>
<td>6 1/2</td>
<td>1</td>
<td>8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Tuesday</td>
<td>8</td>
<td>1 1/2</td>
<td>6</td>
<td>1</td>
<td>8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Wednesday</td>
<td>8</td>
<td>1 1/2</td>
<td>6</td>
<td>1</td>
<td>8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Thursday</td>
<td>8</td>
<td>1 1/2</td>
<td>6</td>
<td>1</td>
<td>8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Friday</td>
<td>8</td>
<td>1 1/2</td>
<td>6</td>
<td>1</td>
<td>8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Saturday</td>
<td>8</td>
<td>1 1/2</td>
<td>6</td>
<td>1</td>
<td>8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Total</td>
<td>56</td>
<td>33 1/2</td>
<td>33</td>
<td>14 1/2</td>
<td>33</td>
<td>14 1/2</td>
</tr>
</tbody>
</table>

§ Meat and Vegetable Pie, containing 2 oz. meat, 5 oz. flour, and 8 oz. vegetables and 2 oz. dripping. || Meat uncooked (with bone).

Tea 1 oz., Sugar 3 oz., Milk 30 oz. to the gallon. || Coffee 2 oz., Sugar 2 oz., Milk 30 oz. to the gallon.

Coffee 4 oz., Sugar 2 oz., Milk 30 oz. to the gallon. || Milk 30 oz. to the gallon.

Prescribed Beef (once weekly): Males, 8 oz.; Females, 4 oz.

Vegetables: Males, 8 oz.; Females, 4 oz., daily.

Rice (in lieu of vegetables): Males, 8 oz. each; Females, 4 oz. each. Pears (in lieu of vegetables): Males, 2 oz.; Females, 1 oz. each.

Pies (in Winter): Pears, 6 oz. each; Bread, 2 oz. each; Meat, 2 oz.

Fish (in Winter months) once a week: Males, 1 lb. each; Females, 1/2 lb. each.

Jam or marmalade (in lieu of sugar) once weekly for tea 2 oz. each.

Sugar for Rhumatism (in season) 2 oz. each patient.

EXTRA DIET.

Extra diet for the sick, with wine, spirits, etc., is ordered at the discretion of the Medical Superintendent.

Lamb's liver and extra allowance for patients working in the kitchen, laundry, workshops, farms, and gardens: Half pint of tea or coffee, 2 oz. bread and 1 oz. cheese at eleven o'clock, and half pint of tea or coffee at four o'clock. Workers in Woods 2 oz. bread, 1 oz. cheese, half pint of tea or coffee for lunch.

| Arrowroot—1 Pint. | Custard Pudding | Sago or Tapioca Pudding | Rice Pudding | Bread, for beef tea and broth, 2 oz. each.
|-------------------|------------------|-------------------------|--------------|---------------------------------|
| 1 oz. arrowroot   | 1 egg            | 1 oz. sago or tapioca   | 2 oz. rice   | Bones, etc., for broth, 2 oz. per pint.
| 1/2 oz. moist sugar | 1/2 pint scald milk | 1/2 oz. moist sugar | 1/2 pint scald milk |-----------------|
| 1 pint scald milk | Custard Powder   | Greek Rice              |              |                                |

Mutton Chops, 1 lb. each.

Beef Tea, Mutton (with bone) 1 lb. per pint.

Nurse Owen's Figures Referred to relating to 66 females on page 59.

I. Temperature

<table>
<thead>
<tr>
<th>Outdoor</th>
<th>20°-30°F</th>
<th>30°-40°F</th>
<th>40°-50°F</th>
<th>50°-60°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average number of days</td>
<td>11.8</td>
<td>11.4</td>
<td>11.9</td>
<td>12.3</td>
</tr>
</tbody>
</table>

II. Barometer

<table>
<thead>
<tr>
<th>Type of Day</th>
<th>Average daily amount during year</th>
</tr>
</thead>
<tbody>
<tr>
<td>28-29°</td>
<td>59</td>
</tr>
<tr>
<td>29-30°</td>
<td>286</td>
</tr>
<tr>
<td>30° and over</td>
<td>9</td>
</tr>
</tbody>
</table>

III. Winds

<table>
<thead>
<tr>
<th>East or South East</th>
<th>1</th>
</tr>
</thead>
</table>
Referred to on page 38

Showing the effect of
Sod. Salicyl. gr. XX and
pot. brom. gr. XXX in 9 female
patients.

Also the enhanced
effect produced by
salt-starvation, and
diet.

After 5th May, 4 of the
patients remained on
ordinary diet with
sod. brom. substituted
for sod. chloride, and
5 had a purin-free
diet and no sodium
bromide.

The separate effects
are illustrated in
Charts II + IV.

The phases of the moon
are shown,

N = New Moon
= Full Moon

A piece of film is
usually found in the
week after the full moon.
Chart VI.

<table>
<thead>
<tr>
<th>Name</th>
<th>9-12</th>
<th>12-3</th>
<th>3-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>40%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td>27%</td>
</tr>
<tr>
<td>C</td>
<td>22%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>42%</td>
<td>35%</td>
</tr>
</tbody>
</table>

Showing effects of exercise in males, (a) reducing the day-fits, (b) reducing the early night-fits.

Charts of fits of 146 males, and of 52 females. Showing low number of fits in summer in male patients, and also how by their sedentary nature, the female chart shows no such alleviation.
Chart VI

Illustrative Cases

Showing increase in fits caused by use of and by colchicinum.

Showing diminution of fits in case of erysipelas, the fits recurring with the fall in temperature. The chart is recorded up to Apr. 20, 1907, so that the further record of fits after the attack cannot be at present obtained.

These records with the exception of the case of erysipelas, record only the monthly totals of fits. The sod. salicylate chart shows the tendency of the monthly aggregates to rise and fall markedly, due to frequency of serial attacks.