

CURES FG: LM POTENCIES AT GROWING DYNAMISATION

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C.F.S. Hahnemann in the *Organon of Medicine* gives indications concerning the administration of the homeopathic remedy, as from the minimal appropriate dosage, raising the potency at each successive administration.

Dr. Federico P. and Dr. Galassi R. through out their clinical experience have realized the need of having at their disposal a pharmaceutical form of the homeopathic remedy that could allow them to harmonize their prescriptions with Hahnemann's indications.

The need of having such a pharmaceutical form to fulfil the request of this prescribing method has led CEMON to study and to produce the Cure FG.

Pharmaceutical Form

Cure FG are blisters of 30 capsules, each one containing 0,7g of granules. The granules are impregnated with a different LM potency/dilution of the same remedy.

Cure FG bears a symbol specifying the LM potencies contained in the blister. At the moment we produce the Cure FG 1/3 LM, containing LM potencies 1, 2 and 3. The Cure FG 4/6 LM, containing LM potencies 4, 5 and 6 and the Cure FG 7/9 LM, containing LM potencies 7, 8 and 9.

Impregnation scheme of Cure FG

pos	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
cps	xLM1	xLM2	xLM3	xLM4	xLM5	xLM6	xLM7	xLM8	xLM9	35K	yLM1	yLM2	yLM3	yLM4	yLM5
pos	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
cps	yLM6	yLM7	yLM8	yLM9	35K	zLM1	zLM2	zLM3	zLM4	zLM5	zLM6	zLM7	zLM8	zLM9	35K

Legenda:

- Letters x, y e z are for LM potency so:

Cure FG 1/3 LM: x LM =1LM; y LM=2LM; z LM=3LM

Cure FG 4/9 LM: x LM =4LM; y LM=5LM; z LM=6LM.

Cure FG 7/9 LM: x LM =7LM; y LM=8LM; z LM=9LM.

- Numbers after LM shows(x10) the number of dynamisation more than starting LM potency

Impregnation scheme: In order to simplify the scheme explanation we can divide the capsules of the blister of Cure FG into three groups: the first one, made of capsules from #1 to #9, the second, made of capsules from #11 to #19 and the third, made of capsules from #21 to #29. The capsules #10, #20 and #30 contain 35K granules.

The first capsules group (from #1 to #9) contains granules impregnated with the first LM potency of the series shown on the label; the second capsules group (from #11 to #19) contains granules impregnated with the second LM potency of the series shown on the label; the third capsules group (from #21 to #29) contains granules impregnated with the third LM potency of the series shown on the label. To set an example, in a Cure FG 1 / 3, the first group is impregnated with 1LM potency, the second group with 2LM potency and third group with 3LM potency.

Within the same group, each capsule contains, in succession, the remedy that has received 10 of dynamisations more than the previous capsule. This means that the #1 capsule has received 10 dynamisations more than the standard LM potency, the #2 20 dynamisations,

the #3 30 dynamisations, and so on up to the #9 receiving 90 dynamisations more than the standard LM potency; the tenth note is the placebo.

The net result is a single pharmaceutical form where there are 3 scales of LM potencies at growing dynamisation.

Preparation

Capsules preparation – The first step is to prepare the souches for the impregnation. To that end, in a bottle of sufficient capacity, named the “mother bottle”, a quantity of LM dilution, enough to impregnate the granules for the batch, is prepared. In deciding on the bottle capacity, Hahnemann’s assertion in §270 of the *Organon of Medicine* has been taken into account. According to his statement the substance dynamisation must be carried on in a bottle filled up to 2/3 of its total volume.

The preparation process proceeds in the following way. The “mother bottle” is dynamized 10 times, then, a quantity of souche is withdrawn and moved into a new bottle that will be labelled “REMEDY X LM Y”, where X stands for the starting LM potency and Y (x10) stands for the further dynamisation of the LM potency standard. If we prepare a Cure FG Bryonia 1/3LM we label the bottle Bryonia 1 LM 1.

Dynamize again the “mother bottle” and remove other souche which will be put into another bottle labelled, "REMEDY XLM 2. The process then goes on dynamizing the “mother bottle”, withdrawing and labelling, until “REMEDY XLM 9” has been prepared.

Afterwards, the LM X+1 mother bottle is prepared and the subsequently 9 potentization are carried out by dynamisation and souches withdrawal. Same process is repeated to reach the LM X+2 potency.

At this point we put 27 vials in ascending order of LM & Y potencies.

Impregnation - The first step is to prepare 27 containers for the impregnation labelled as the bottles containing the souches, each one containing the quantity of granules needed for the lot (0.7 g x L, where L stands for the packages number provided for the lot).

The impregnation process is carried out by pouring, from labelled bottles into the corresponding impregnation containers, a number of drops to safeguard the dispersion rate 1:500 indicated by Hahnemann § 270 *Organon of Medicine*". At this point, containers are placed in a laminar flow hood where granules are left drying by evaporation.

After the drying process we proceed to fill capsules and put them in the blister, according to the Cure FG scheme. In the positions 10, 20 and 30 should be placed capsules containing 35K previously prepared with a capsule machine. In 10th, 20th and 30th positions are placed capsules containing 35K using a capsule machine. Quantity of 35K capsules to be prepared is 3 x L.

Time of preparation - The preparation of a batch of 14 pieces of a Cure FG requires approximately 10 hours, from souches preparation and granules impregnation to the capsules filling and packaging process.

Impregnation and drying time validation – the impregnation processes and the drying process have been validated, the first by the visual method with the help of a food colouring and the second through the visual method (no clarity of the surface of granules in the absence of adherence of granules between them).

Quality controls

For each batch of 14 pieces, 2 are sent to the quality control laboratory where are conducted microbiological, physical-chemical and technological tests to ensure uniformity of product compared with company and GMP's standards.

Microbiological tests - On Cure FG are carried out the following controls: Total Microbial Upload control, Yeasts and Moulds control and *Escherichia coli* absence test.

Physical-chemical – Physical-chemical test on Cure FG is the measure of activity of water, as well as providing an index of proper drying, is an important measure of the possible development of a microbial upload.

Pharmaceutical - Tests on technological pharmaceutical form ended involve to detect the dose uniformity, which is by turning on the weighted average of 20 capsules and in the pharmaceutical form of compliance with the standard parameters.

Conclusions

This pharmaceutical form allows easily taking the prescribed remedy, starting with the lowest appropriate dose and varying potency at every next administration.

It also allows homeopathic remedies administration repetition for shorter intervals sparing patient and medical doctor the trouble of special artifices (dilution in water, progressive succussion of the bottle etc. ...).

The Cure FG is manageable, allowing an easier administration of a homeopathic remedy.

They also help homeopaths MD evaluate the way in which the potency given to the patient is acting.

The Cure FG allows moreover, a significant savings for the patient.

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