



THE BLACK VAULT

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TO: [REDACTED] A
VIA: Director of Security
VIA: Chief, Security Research Staff
FROM: Chief, Technical Branch

DATE: 29 April 1953

Reference is made to our recent conversation regarding possible use of the ARTICHOKE techniques in the cases of certain selected [REDACTED] F
Set out below is a brief statement of proposed activities along these lines for your consideration:

A. GENERAL PROPOSITION

ARTICHOKE is interested in handling through its various techniques 1) the hardcore [REDACTED] and 2) those [REDACTED] F
who have been exposed to and accepted in varying degrees Communist indoctrination. The reasons for this are simple: 1) we wish to use these [REDACTED] as unique research material in the ARTICHOKE work and 2) these [REDACTED] (particularly the hardcore types) have extremely valuable information from an intelligence point of view which this Agency, [REDACTED] can use. H
This information in general, which ARTICHOKE would attempt to obtain, would be along the following lines: 1) Communist penetration of [REDACTED]; 2) Communist methods of Communication and establishment of identities; 3) Communist instructions and training for members of [REDACTED]; 4) individual names and their work; 5) Communist indoctrination techniques, education centers, camps, etc.; 6) Expos^{one} of secret instruction for contacts, missions, etc. F
for [REDACTED] 7) general pertinent information on [REDACTED] still in [REDACTED] and on other [REDACTED]

B. NUMBER OF CASES REQUIRED

Any key subject or subjects would be of interest to ARTICHOKES but a basic minimum of five (5) hardcore types and five (5) indoctrinated types would be essential for a detailed study. More than this, of course, would be eminently desired.

C. COVER FOR THE ARTICHOKE TECHNIQUES

Cover in this situation is perfect -- a pure medical cover in a controlled area. All [REDACTED] are receiving medical treatment and some probably will receive psychiatric care. The ARTICHOKE Team medically will be top-flight doctors and all others with ARTICHOKE are basically ^{ground} ~~ground~~ in special covers. F

D. ARTICHOKE TECHNIQUES

If given the opportunity of applying ARTICHOKE techniques to these cases, the following techniques will be used -- (individually or in combinations):

1. A standard pentathol -- ^{approach} ~~approval~~ type ~~approval~~.
2. Hypnosis (either narco-hypnosis or direct hypnosis).
3. Use of a new special chemical (SERVENE). Details follow:
 - a. ARTICHOKE has successfully used a modified "truth serum" approach. Various drugs are used generally following pentathol. The method is intravenous injection. Direct questions, regression, reorientation, etc. are all attempted.

4. [REDACTED]

b. Also successfully used is hypnosis. It can be used after a chemical starter such as pentothal (very small dosages) or under certain circumstances can be used directly. Post hypnotics for continued work are always given.

c. Use of SMYNNIN: This new chemical is in the development stage. It produces disorientation, confusion, talk, expansiveness and other peculiar phenomena. Intelligence effectiveness is uncertain but ^{may} ~~is~~ be high. Some characteristics and data are as follows:

TESTS: --

(1) To date the chemical has been tested on 10 normal subjects and a large number of schizophrenic patients. No fatalities, no trouble indicated -- the toxic quality is extremely low.

(2) Dosage Levels: Effective dose -- 30 ~~mg~~ to 100 micrograms per man with dosages given without harm up to 300 micrograms per man. Calculated lethal dose -- 4,500,000 micrograms for a 140-pound man.

(3) Effective Period: In dosages of 70 to 150 micrograms, the effect begins about one-half hour after ingestion; peak reached in about 2 to 4 hours; and the effect lasts from 2 to 10 hours after ingestion.

(4) Properties: The chemical is colorless, odorless, tasteless and soluble in water. It may be given in ~~liquors~~, liquors, beer, etc. in hot or

E. ARTICHOKE TEAM PERSONNEL

To bring the ARTICHOKE techniques to bear, the following Team and necessary observers are proposed:

- 1. [REDACTED]
- 2. Top-flight anesthesiologist (possibly an [REDACTED] or could be assigned by [REDACTED] or chose from the [REDACTED] [REDACTED])

3. A man of the type of [REDACTED], an anesthesiologist who is familiar with the ARTICHOKE problem and has done considerable work in this field would be ideal. [REDACTED] probably could not be brought East in time and it is doubted if he could leave the [REDACTED]

- 4. [REDACTED]
- 5. [REDACTED] (to handle technical arrangements).
- 6. [REDACTED] professional consultant in hypnosis to the ARTICHOKE Project.

- 7. An official observer from [REDACTED] to act as consultant and give advice in the use of the chemical [REDACTED].

F. AREA REQUIRED FOR ARTICHOKE WORK AND TECHNICAL ARRANGEMENTS

The ARTICHOKE work will require one room of a hospital-type bedroom or sittingroom bedroom and an adjoining room for observation purposes and monitoring. Also required is a nearby or preferably adjoining toilet. The ARTICHOKE technical arrangements will be carried out by [REDACTED] technical associates. Complete

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tape recordings and two-way communication systems will be set up and if at all possible a two-way observation mirror will be installed. These technical details will be implemented by [REDACTED] and all technical equipment will be furnished by the ARTICHOKNE Team. A

G. TIME REQUIRED FOR EACH SUBJECT

It is difficult to estimate the amount of time required for each individual subject but previous ARTICHOKNE sessions have lasted from 2 to 4 hours per session. It is possible that three subjects could be handled per day. The ARTICHOKNE Team as a rule requires more than one session with each subject.



II. SECONDARY PROPOSITION

If the full ARTICHOKE treatment involving the techniques as set out in the basic memorandum cannot be brought to bear in these cases, It is proposed that these techniques which can be used in a subtle manner might ^{then} be attempted ~~in these cases~~.

In connection with this, those chemicals which could be given orally and could be successfully concealed in common liquids might possibly be tried in this type of experimentation. This particularly holds true for the new chemical referred to above, SEMENIN, which as noted is colorless, odorless, tasteless, soluble in water and the effective dose is in very small quantities.

At the same time, a method might be worked out perhaps coupled with the above suggested chemicals of obtaining hypnosis in the handling of some of the cases. Although this probably could not be achieved directly it might be achieved through some very subtle approach or in connection with the effects of the previously mentioned chemicals.

While the writer has no knowledge of what treatments may be necessary for the individual , it appears conceivable that some of the ARTICHOKE work might be brought to bear in direct connection with medical treatment. This possibly should certainly be explored.