

Local & Munl. (1899) Department.
Plague.

MISCELLANEOUS.

G.O., No. 1583

DATED 1-11-88
Sd/- 3-11-99

✓

[Despatch Abstract.]

Rules to be observed when materials for examⁿ
are sent to Bacteriological Laboratory, Bombay

Recording letter from the Govt of India
forwarding copies of the _____.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

L. of. 1,000-10-90.

Plague.
Local & Munl. (1899) Department.

CURRENT No. 3299-P

From Govt of India, Home Dept.

Order No 1585P misc of 1-11-99

Recorded with reference to

No. 2970

Go. No 1456 P. d. 7-10-99

To the Sanitary Commissioner
The Local Council

31/10/99

3/11/99

Dated 21-10-99

Received 30-10-99

Registered 30-10-99

Enclosures one

Spare copies 7 of car + encl.

SUBJECT.

Note
The rules are the same as those
communicated by the Bombay Govt.
- Vide Go 1456 P. d. 7-10-99.

Forwarding a copy of
rules, which have been framed
by the medical officer in
charge of the Plague Research
Laboratory, Bombay, for the
guidance of medical officers
when sending materials for
bacteriological examination.

BACK PAPERS.

G.O.	No.	Department.	Date.
..	1456	P. mis	7-10-98
..	1446	P	2-10-98

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Rules to be observed by officers when sending fresh materials to the Research Laboratory for bacteriological examination.

A.—Dead animals, rats, &c.—

1. These should only be sent if freshly dead or at least before any signs of putrefaction are evident.
2. If sent by post from outlying stations, they should be most carefully packed in ice, no spirit or other preservative fluid of any kind being used: water-tight bottles or cases being used in each case.
3. In Bombay they ought to be sent by special messenger *at once*, or if found late at night, to be packed in ice and despatched early the following morning.

B.—Excreta, sputa and the like—

1. These should be sent in carefully stoppered and sealed bottles.
2. No fluid of a preservative nature ought to be added to them.

Note on a simple method of preparing cultures and slides for the Bacteriological diagnosis of Plague.

Requirements —

1. Spirit lamp.
2. Spatula.
3. Scalpel.
4. Forceps.
5. * Glass Pipettes (sterile).
6. * Agar slants (Dry).
7. Microscopic slides.
8. Carbolic lotion (1-20).

A.—To make cultures from a bubo *post mortem*, wash the skin over the bubo well with soap and water and then with carbolic lotion and dry it.

Heat the spatula strongly in the flame until it is hot enough to sear the skin. Do this.

Heat the scalpel (previously boiled) and make a small stab over the centre of the bubo, piercing the true skin.

Then having carefully passed one of the straight pipettes through the flame six times, break off the sealed end with the forceps (also previously boiled).

Push the pipette with a twisting motion into the bubo through the stab aperture made by the scalpel, and suck up a little fluid or semi-solid material.

Quickly take an agar slant in the left hand and remove plug with forceps and place between ring and middle fingers of left hand. Heat the mouth of the tube. Insert the pipette into the agar tube and blow out a small amount of material on the surface of the agar leaving a drop to spread over the centre of a microscopic slide.

Then take one of the bent pipettes or spreaders, heat six times in the flame and pass into agar tube and quickly spread the material deposited there over the surface.

N. B.—Rest the heated end of the spreader on the surface of the agar jelly to cool it, before spreading the material.

* These will be sent from the Laboratory on application.

The mouth of the agar tube should be kept hot by turning it in the flame of the lamp while it is open, and the cotton plug ought to be burnt in the flame before putting it back in the tube with the forceps.

While open, keep the agar tube mouth downwards or in a horizontal position.

The remaining drop in the pipette should be blown out on the centre of a microscopic slide and spread over. The slide should, when dry, be passed three times through the flame. Care should be taken not to over-heat the slide.

The slide and the tube should be labelled, wrapped in paper and carefully packed in cotton wool and sent off to the Laboratory for report. If sent by post, the instructions contained in Rule "C" of the Rules promulgated by Government Resolution No. 4556-P., dated 19th July 1899, should be observed.

The straight pipette used should be destroyed by melting the end in the flame. The bent pipette should be sterilised by holding in the flame of the spirit lamp till all the matter on it is charred.

B.—In a similar manner cultures can be obtained from the heart, blood, liver, and spleen, and it is always better to send cultures from various organs in every case.

No. 2970.

FROM

R. NATHAN, ESQ.,
Under Secretary to the Government of India,

TO

The Secy. to the Govt. of Madras,
Local and Municipal Department.



Home Department.
Sanitary-Plague.

Simla, the 21st October 1899.

SIR,

I AM directed to forward, for the information of the Governor in Council, a copy of rules which have been framed by the Medical Officer in charge of the Plague Research Laboratory, Bombay, for the guidance of Medical Officers when sending materials for bacteriological examination. The rules have been drawn up in order that cultures, etc., may arrive at the Laboratory in a condition in which they can be used, and I am to state that they do not affect the precautionary regulations of which copies were forwarded with Home Department endorsement No. 2654-63, dated the 15th September 1899.

I have the honour to be,

SIR,

Your most obedient Servant,

Thakur

Under Secy. to the Govt. of India.

When given for copying _____
When copied _____
When examined _____
When signed _____ } 189

READ AGAIN G.O., No. _____, DATED
189 .

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.B.—

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