

V O L U M E   I I I .

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I L L U S T R A T I O N S .

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A N A P H Y L A X I S   a n d   S E N S I T I S A T I O N ,  
w i t h   s p e c i a l   r e f e r e n c e   t o   t h e   s k i n   a n d   i t s   d i s e a s e s .

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T H E S I S  
s u b m i t t e d   b y  
R O B E R T   C R A N S T O N   L O W ,   M . B .   C h . B .  
f o r  
t h e   d e g r e e   o f   M . D .   E d i n b u r g h   U n i v e r s i t y .

March 1924.

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VOLUME III.

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The illustrations, which are referred to in the text, show skin eruptions and reactions which occur in sensitisation of the skin. The plants and fungi used in experiments are also shown. Twenty-eight casts, made by myself, are submitted with the Thesis and photographs or coloured prints of these appear in this volume. I am indebted to Sir Norman Walker for allowing me to use the coloured prints of my casts which have appeared in his "Introduction to Dermatology".

P L A T E S .

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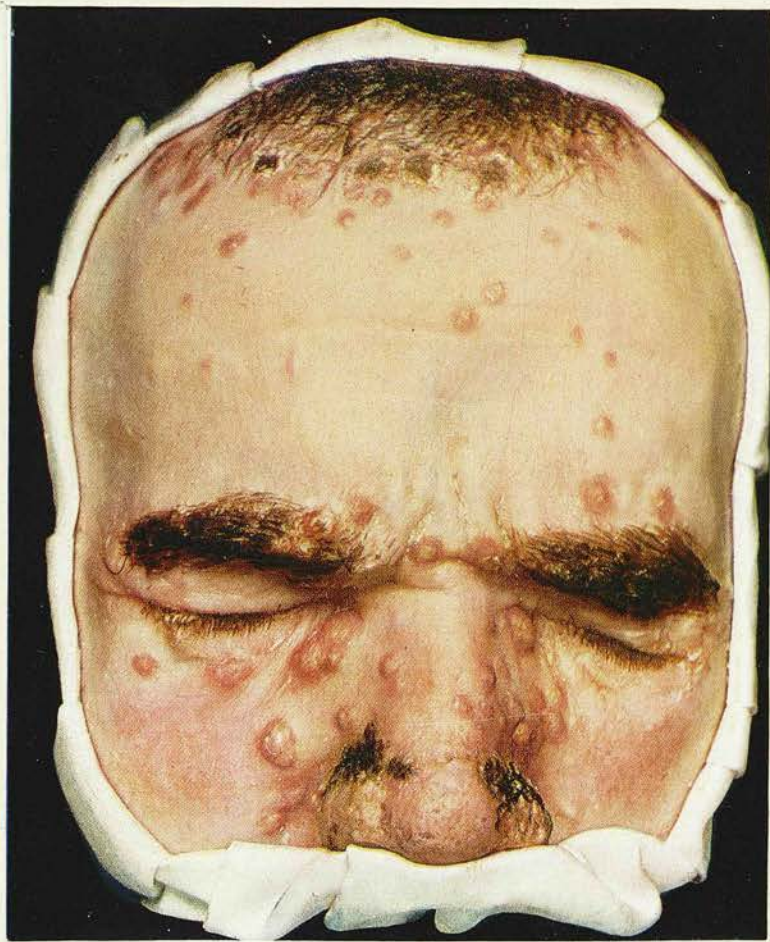
1. Iodide rash
2. Copaiba rash
3. Bromide rash
4. Skin reaction to Pot. Brom.
5. Erythema Nodosum
6. Lupus vulgaris before administration of Old  
Tuberculin.
7. " " after " " "
8. Tuberculin Pirquet Reaction
9. Lichen Scrofulosorum
10. Papulo-necrotic Tuberculide
11. Nodular Tuberculide
12. Erythema Induratum (Bazin's disease).
13. Angio-Keratoma
14. Luetin Reaction
15. Kerion Ringworm
16. Tinea Barbae
17. Culture of Microsporon Audouini
18. Cultures of Trichophyton Accuminatum  
(Richardson),  
and Trichophyton Crateriforme flavum. (King)
19. Cultures of Achorion Schönleini and  
Achorion Quinkeanum.
20. Trichophytide.
21. Sporotrichosis
22. Actinomycosis
23. Primula Obconica.

C A S T S .

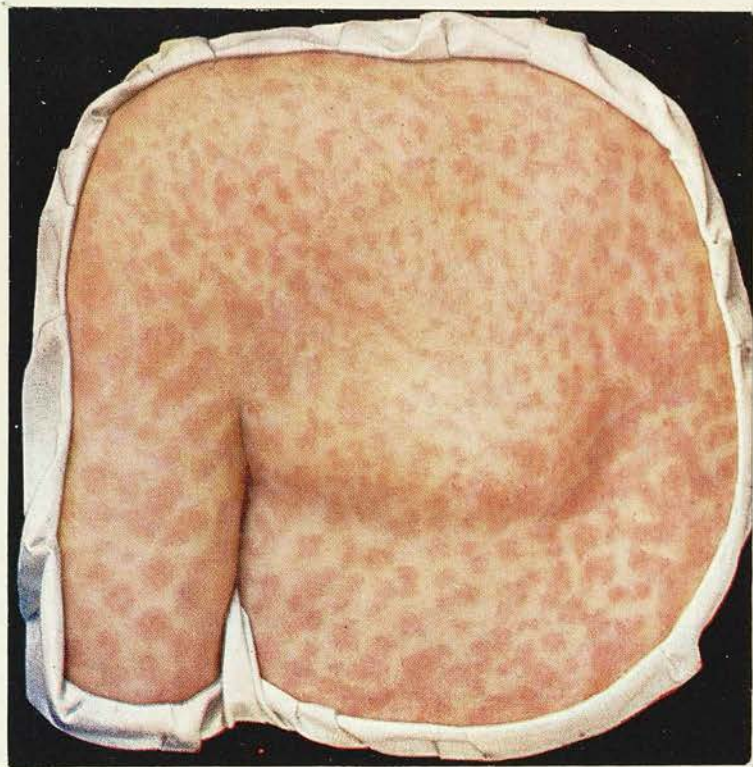
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1. Iodide Rash
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14. Trichophytide
15. Actinomycosis
- 16-20 Reactions to Primula Obconica
21. Dermatitis in Strychnine Worker
22. Lupus Erythematosus (Face)
23. " " (Arm)
- 24-26 Pellagra
27. Pseudo-pellagra
28. Cutaneous Food Reactions.

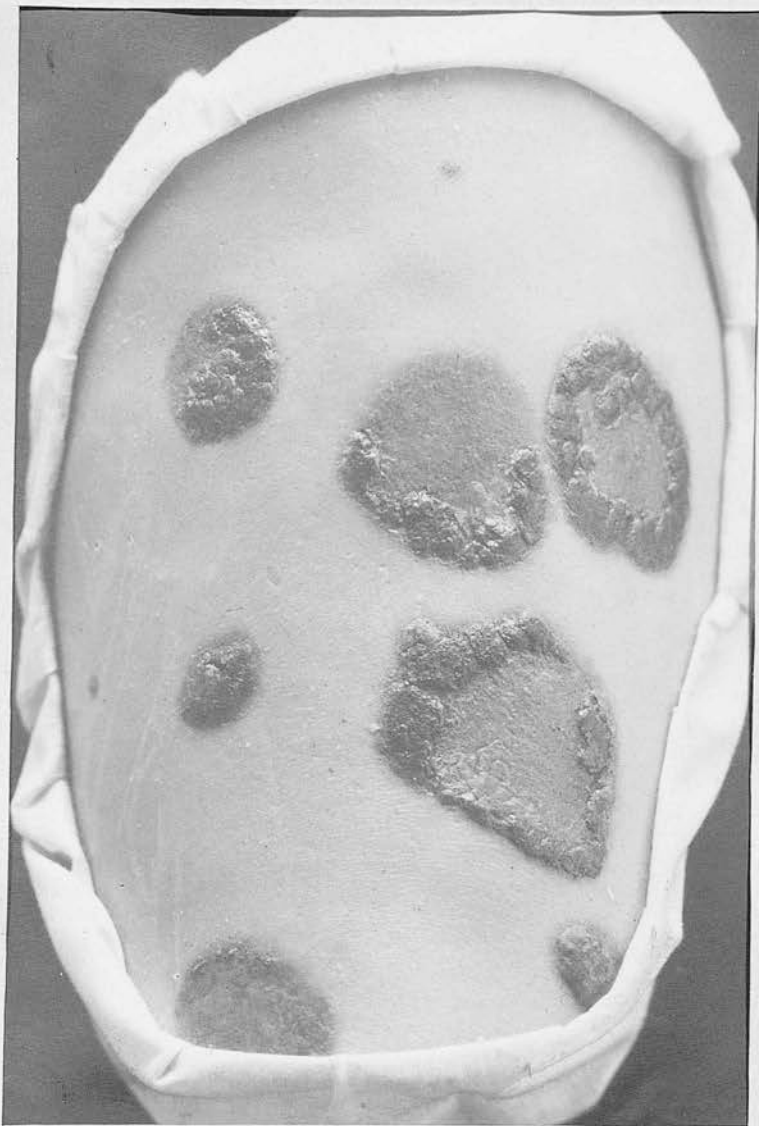
- 24-28 Reactions to Primula Obconica  
29. Primula Sinensis  
30. " Vulgaris  
31. " (Hybrid)  
32&33 Polyanthus  
34&35 Primula Auricula  
36&37 " Veris  
38. " Malacoides  
39. Dermatitis Venenata (Opium)  
40&41 Pirquet Reactions to Opium alkaloids.  
42. Dermatitis in strychnine worker.  
43. Achillea Millefolium  
44. Lupus Erythematosus (Face)  
45. " " (Arm )  
46. Diagram of Alopecia areata.  
47&48 Pellagra  
49. Pseudo-pellagra  
50&51 Cutaneous Food Reactions.



Eruption following Ingestion  
of  
POTASSIUM IODIDE.



Eruption following Ingestion  
of  
COPAIBA.



BROMIDE ERUPTION. CASE 07 Page 115.

Negative Cutaneous Reaction to K.Br.  
in patient with Bromide Eruption.



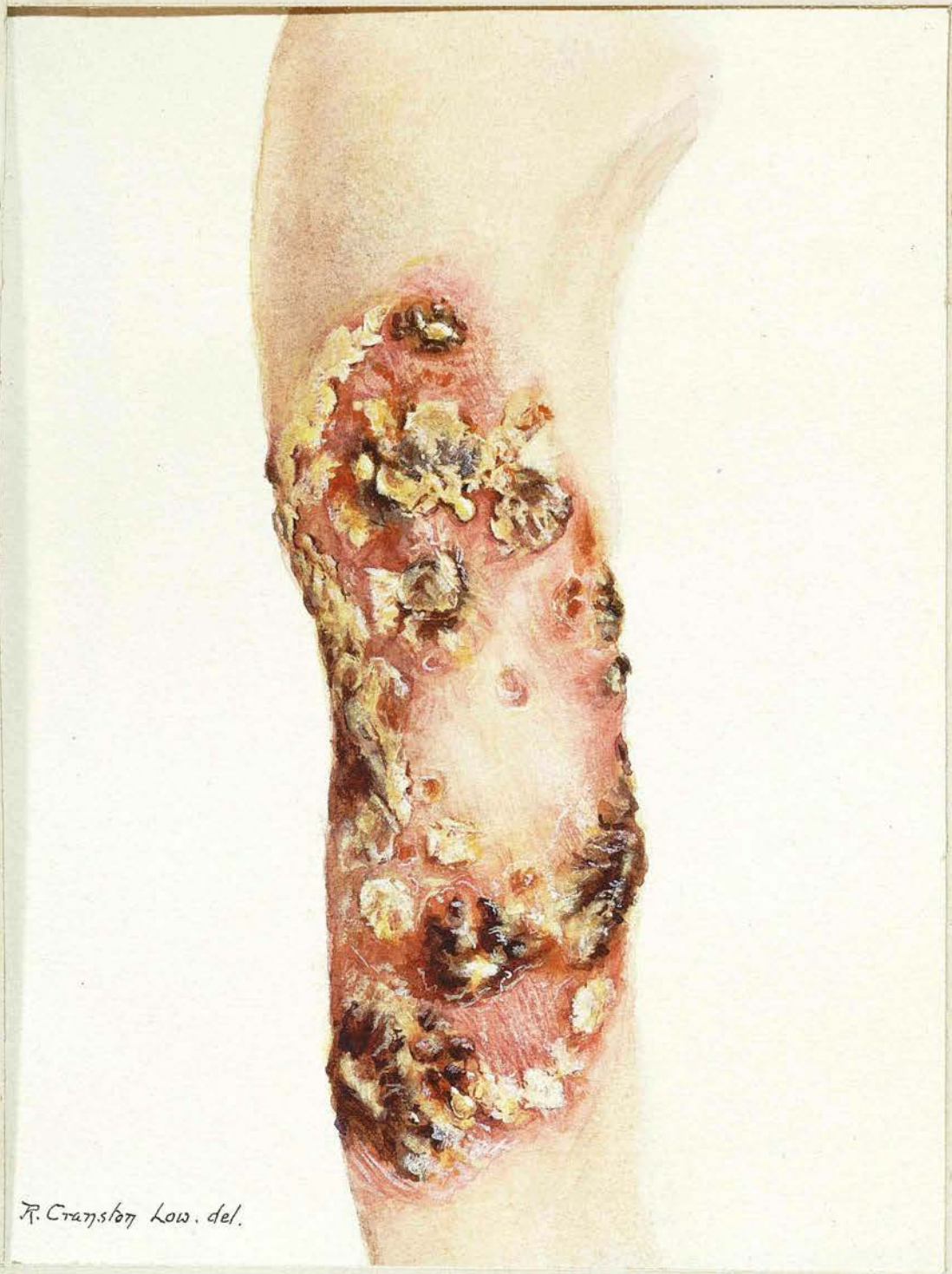
Upper Control

Lower K.Br.Sol.

Case Left Upper Arm after 10 minutes



ERYTHEMA NODOSUM.



LUPUS VULGARIS before injection of  
Old Tuberculin.

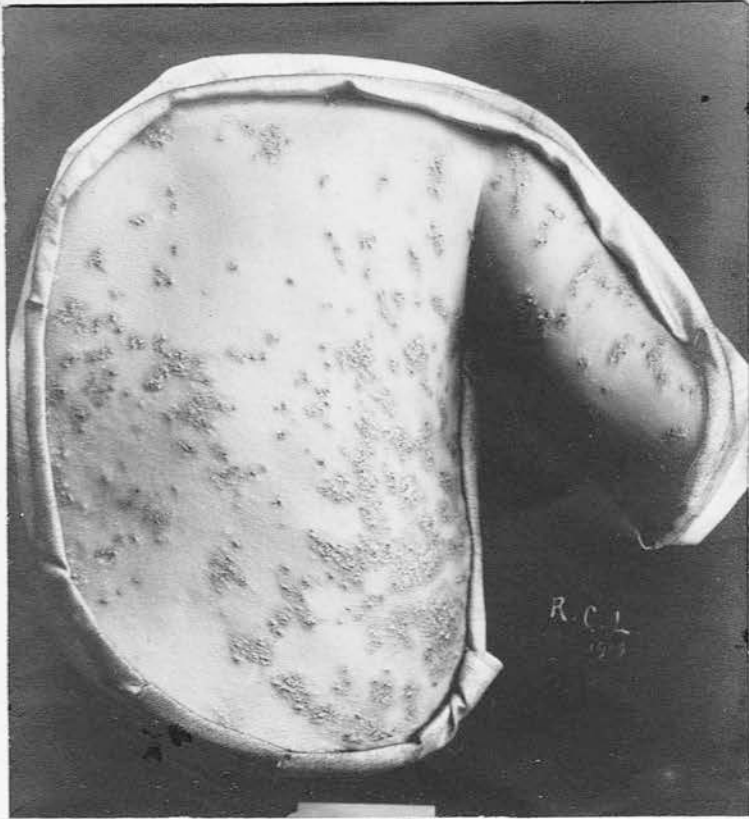


FOCAL REACTION after injection of  
Old Tuberculin.  
(cf. previous Plate.)



Cutaneous Tuberculin Reaction

Upper=Human Tuberculin.  
Middle=Control.  
Lower=Bovine Tuberculin.

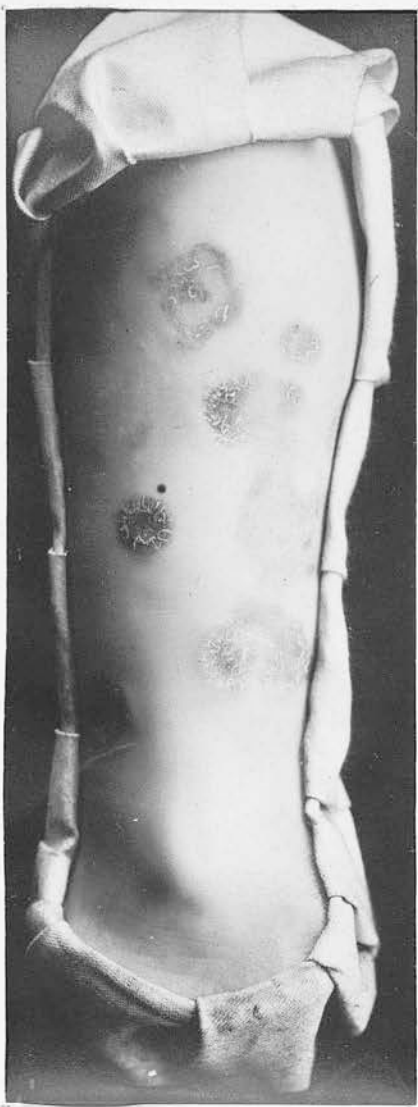


Papulo-pustular TUBERCULIDE.

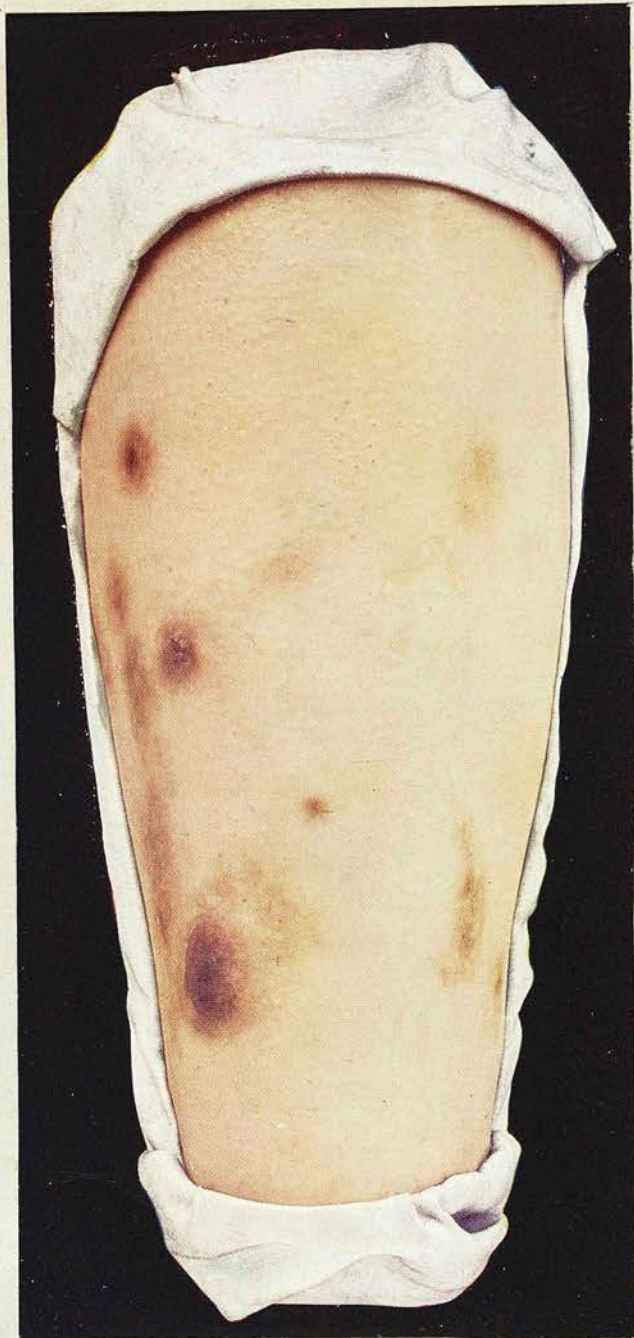
(Lichen Scrofulosorum.)



Papulo-necrotic TUBERCULIDE.

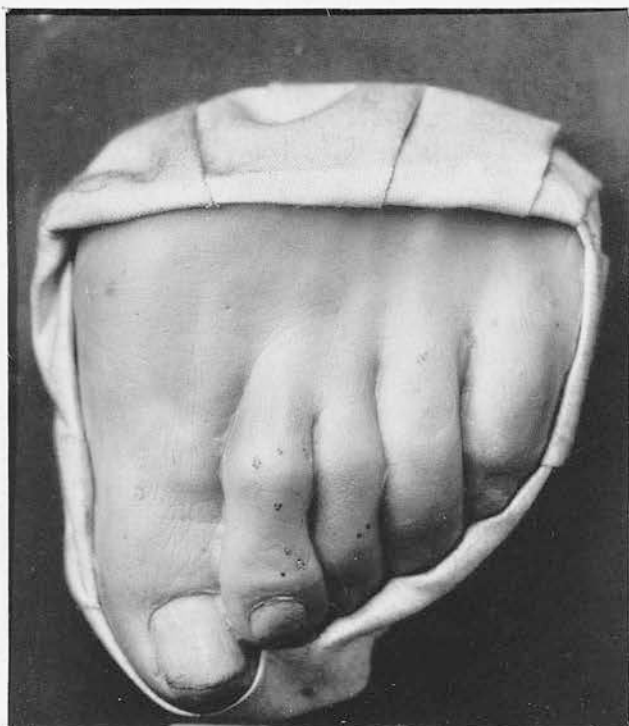


Ulcerative Tuberculide.



ERYTHEMA INDURATUM SCROFULOSORUM.

(Bazin's Disease.)

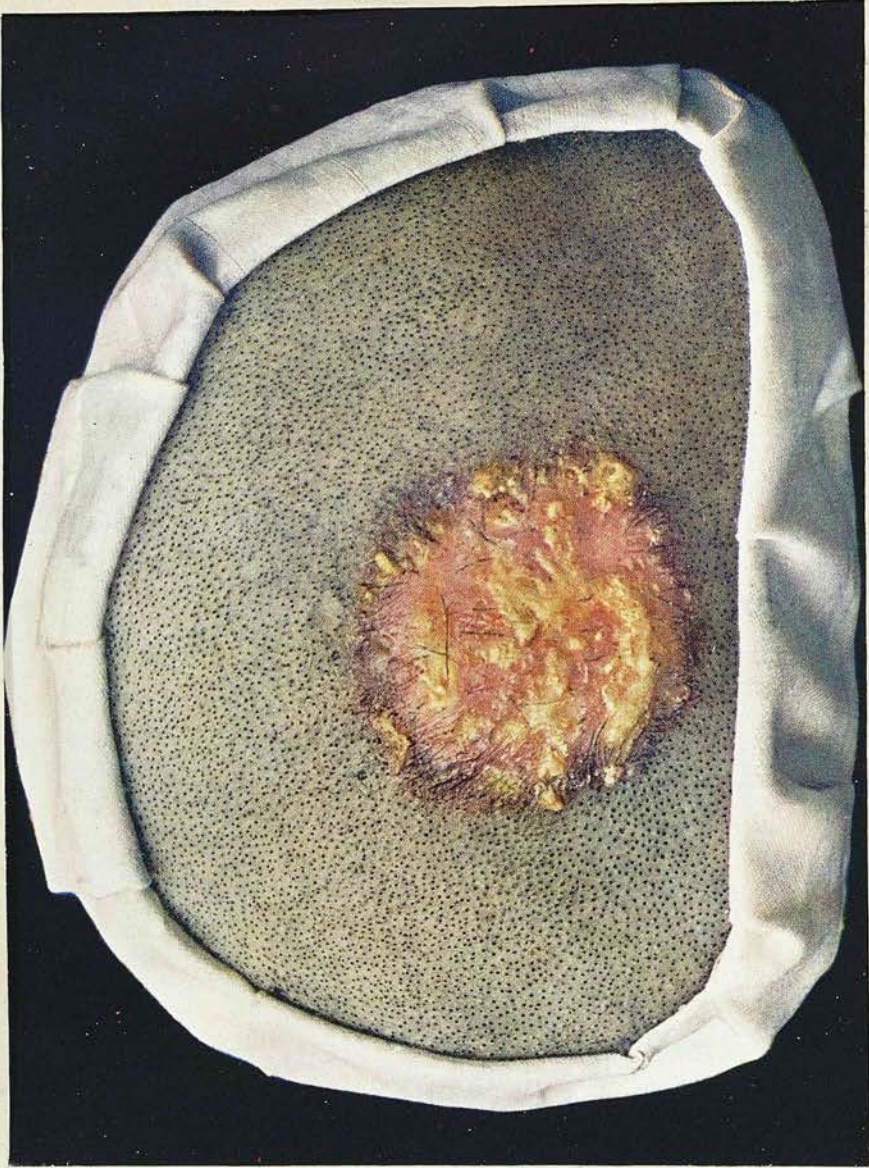


ANGIOKERATOMA.

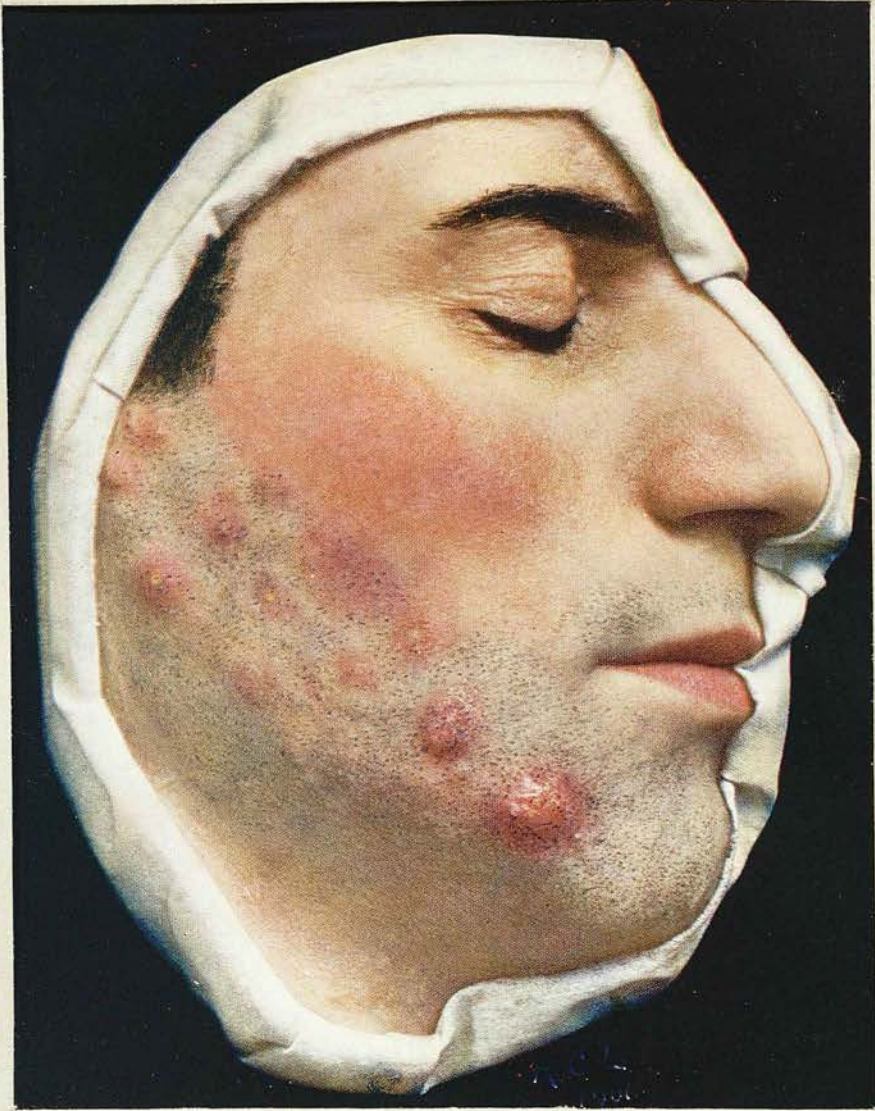


LUETIN REACTION.

Upper=Intra-cutaneous.  
Middle=Control.  
Lower=Cutaneous.



KERION RINGWORM of SCALP.



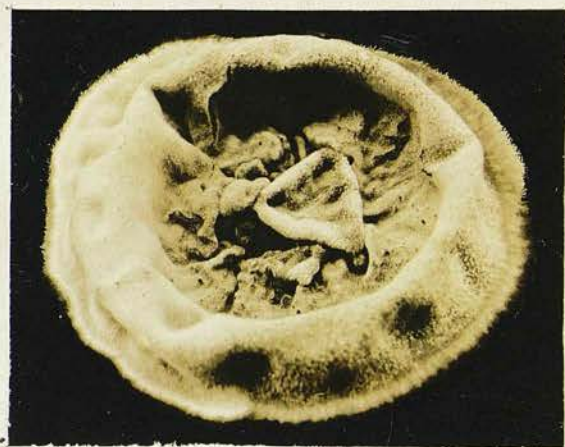
TINEA BARBAE showing deep-seated Lesions.



Cultures of *Microsporon Audouini* from which  
"Microsporin" was made.  
(on Sabouraud's Proof Agar.)



R.C.C.



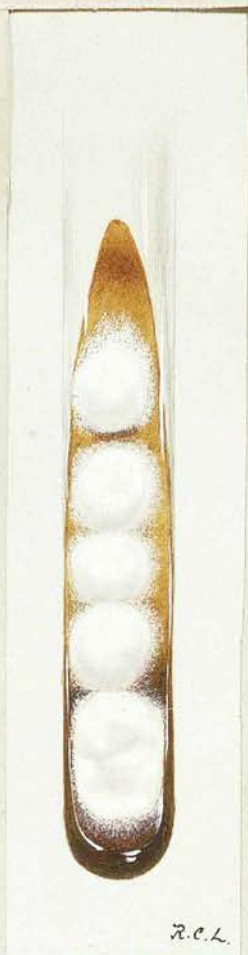
Trichophyton Crateriforme Flavum  
from which Trichophytin(King)  
was prepared.

Trichophyton Acuminatum.  
from which Trichophytin  
(Richards) was prepared.

Cultures on Sabouraud's Proof Agar.



Achorion Schönleinii  
(Human Favus)

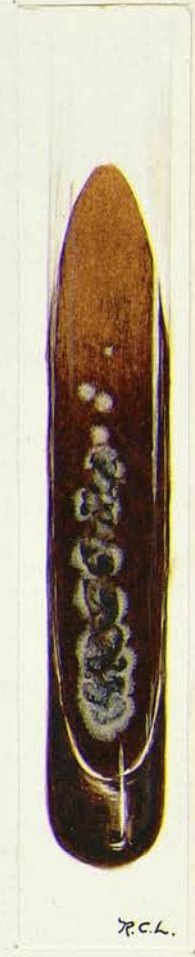


Achorion Quinqueanum  
(Mouse Favus)

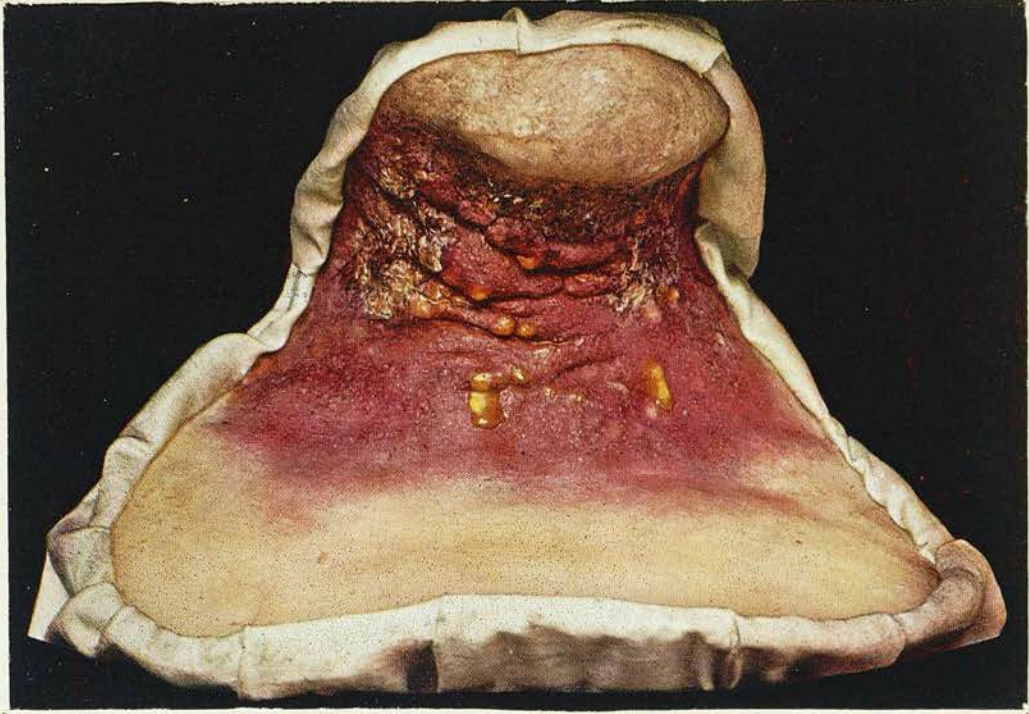




Small Papular Trichophytide.



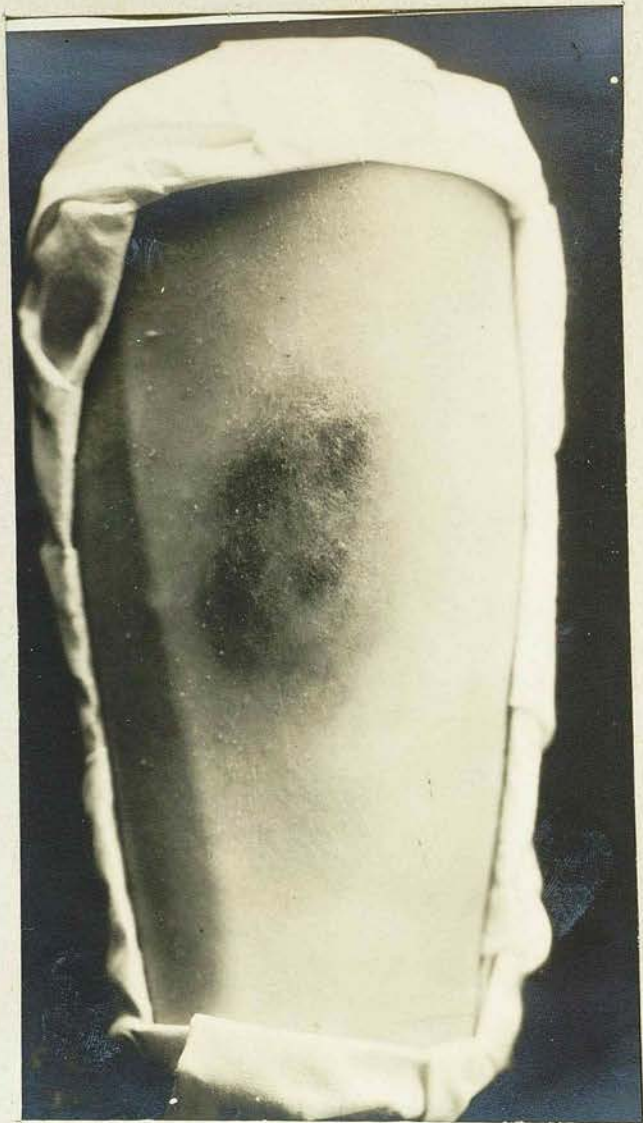
Sporotrichosis with culture of fungus on Sabouraud's Proof Agar.



ACTINOMYCOSIS.



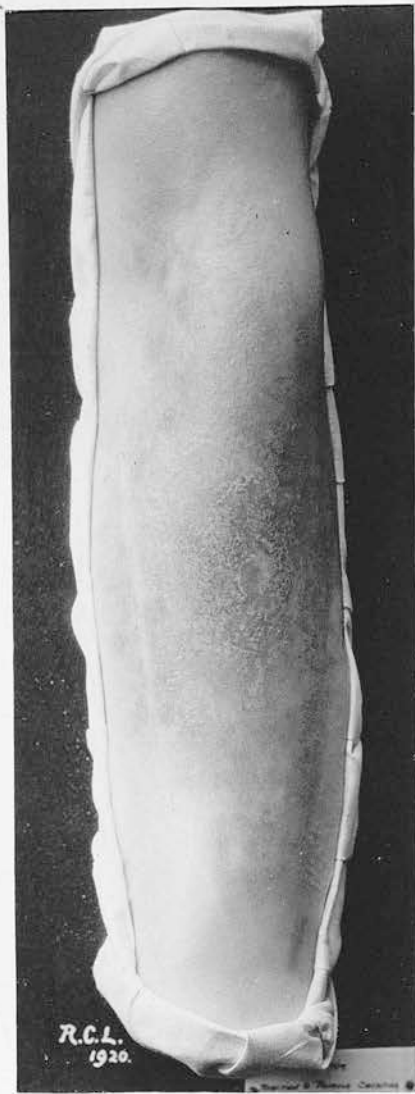
PRIMULA OBCONICA



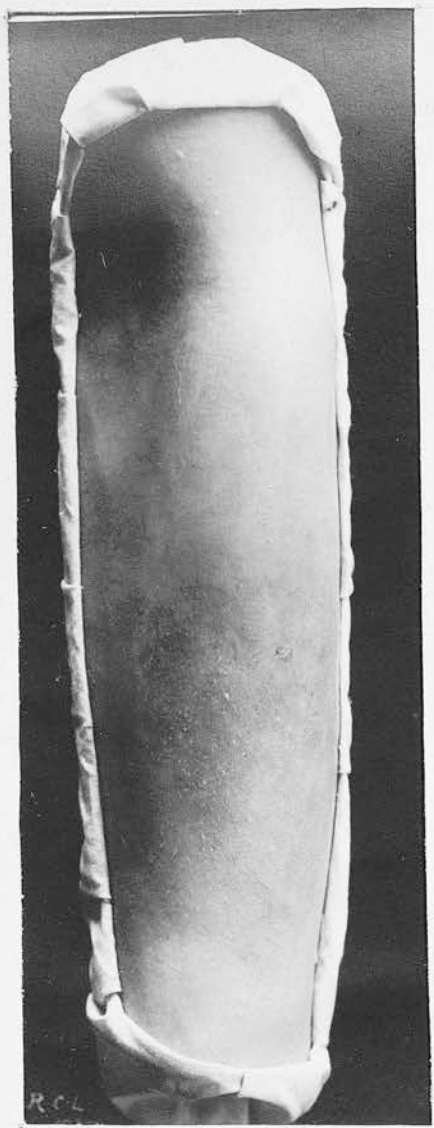
Reaction to *Primula Obconica* on left  
fore-arm after 14 hours.



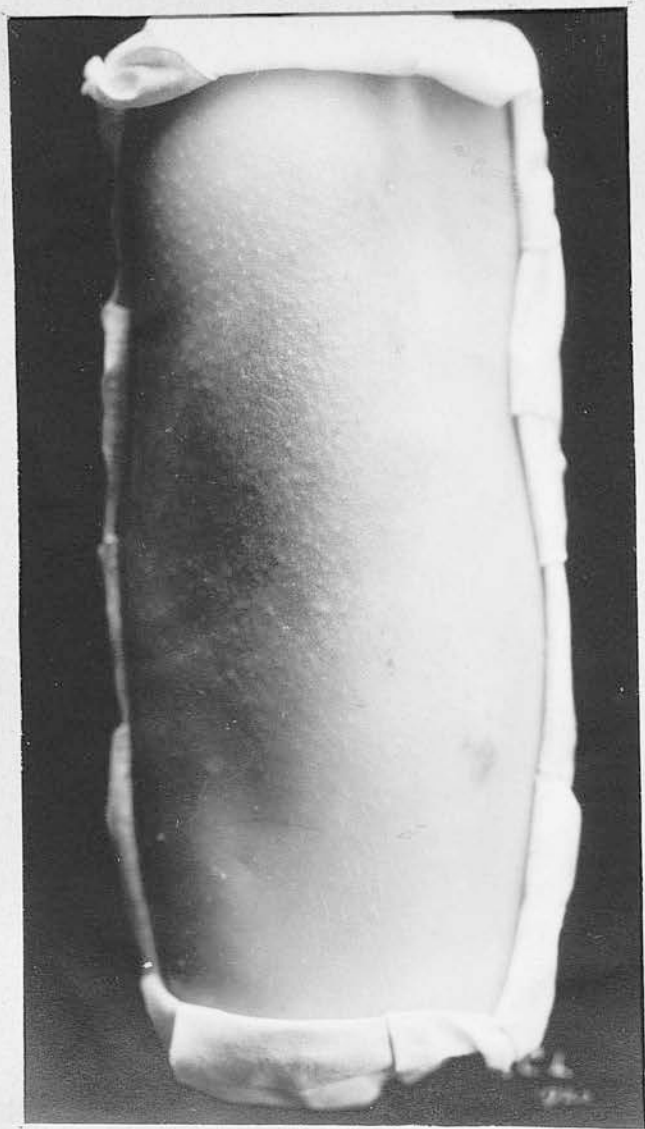
Reaction to Primula Obconica on left  
fore-arm after 6 days.



Reaction to Primula Obconica on left  
fore-arm after 10 days.



Reaction to Primula Obconica on left  
fore-arm after 15 days.



Reaction to *Primula Obconica* on right  
fore-arm after 2 days.



PRIMULA SINENSIS.



PRIMULA (HYBRID)      PRIMULA VULGARIS.  
(To show shape of leaf)



R. C. L.

PRIMULA. (HYBRID)



R. C. L.

POLYANTHUS



POLYANTHUS. (To show shape of leaf)



R. C. L.

PRIMULA AURICULA.



PRIMULA AURICULA. (To show shape of leaf)



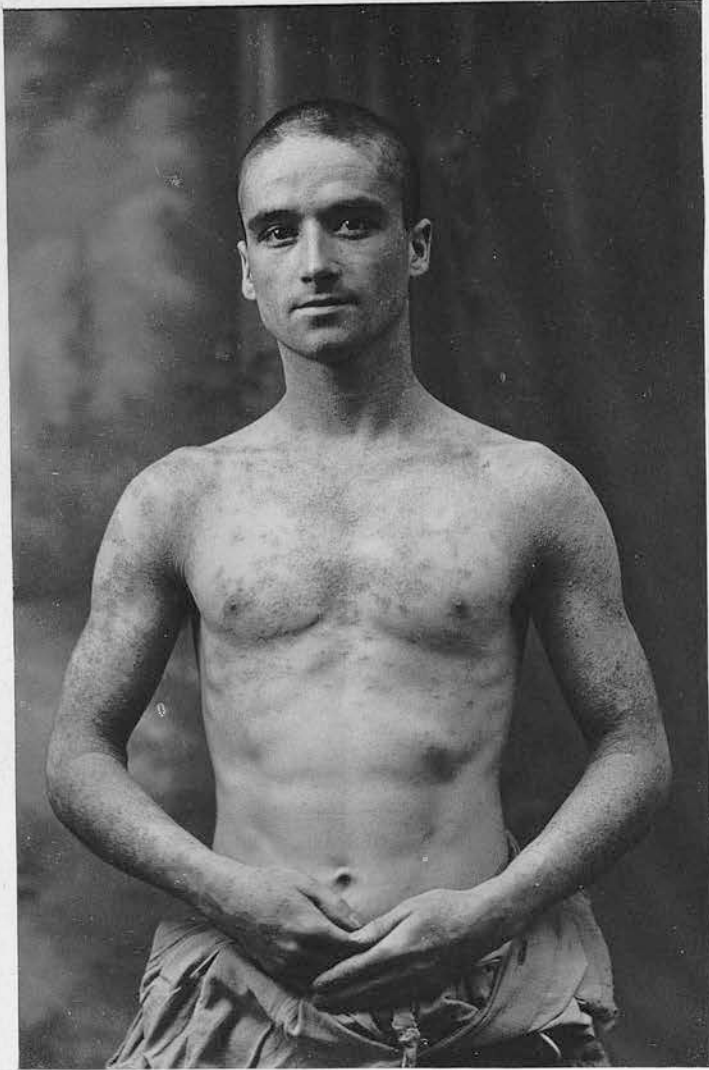
PRIMULA VERIS (COWSLIP)



PRIMULA VERIS. (To show shape of leaf)



PRIMULA MALACOIDES.



Dermatitis Venenata in Opium Worker

Case 07 page 340.

Cutaneous Reactions to Drugs.

See page 340.

a.



Morphin Alkaloid  
Control

Dorsum of Right Foot  
After 20 minutes

b.

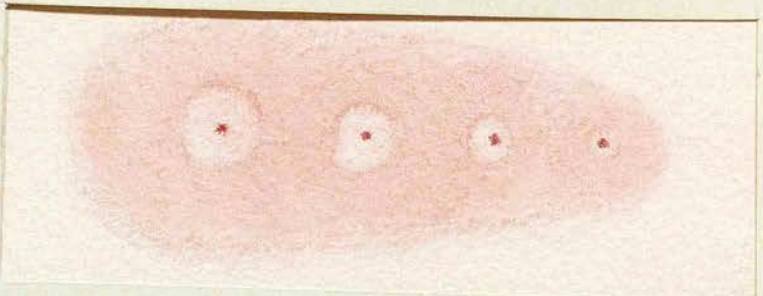


Codein Phosphate  
Morphin Hydrochlor.  
Heroin Hydrochlor.  
Control

Marks of previous test

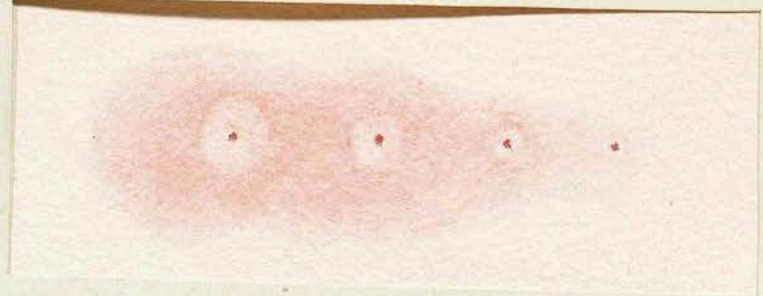
Dorsum of Right Foot  
After 30 minutes

1 - Codein Phosphate  
 2 - Heroin Hydrochlor.  
 3 - Morphin Hydrochlor.  
 4 - Control

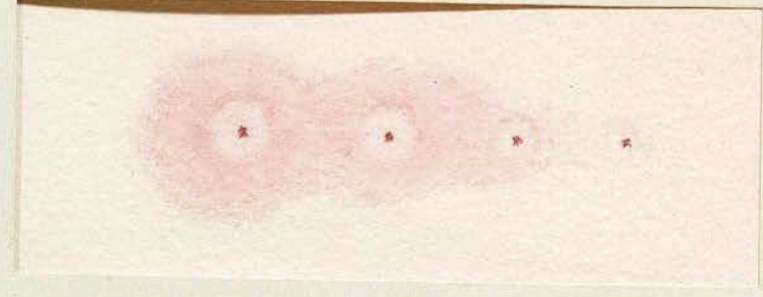


1.  
2.  
3.  
4.

15 min.



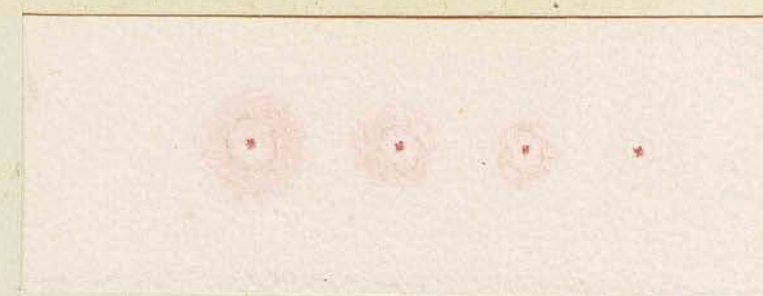
25 min.



35 min.



45 min.



55 min.

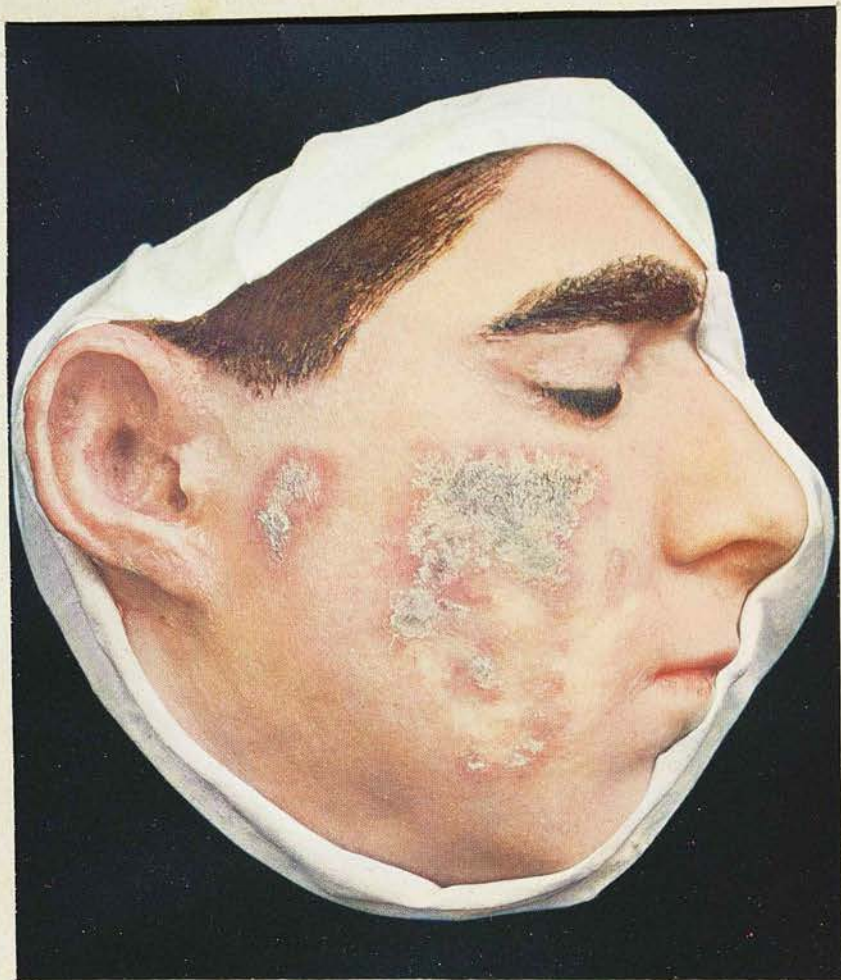
Case Left Forearm  
 on page 340.



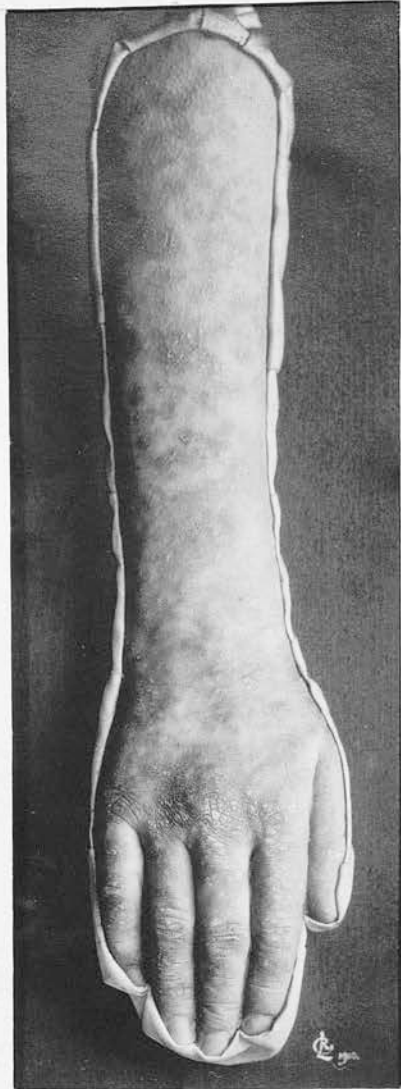
Dermatitis in Strychnine Worker.



ACHILLEA MILLIFOLIUM.  
(from Bentley & Trimen's "Medicinal Plants.")



LUPUS ERYTHEMATOSUS.



LUPUS ERYTHEMATOSUS GENERALISATUS.

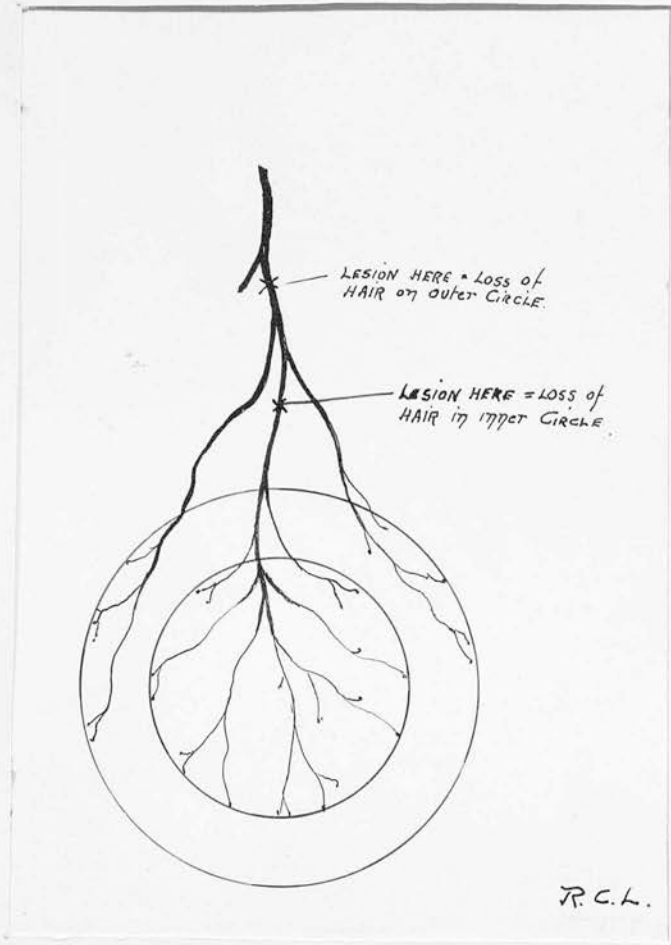
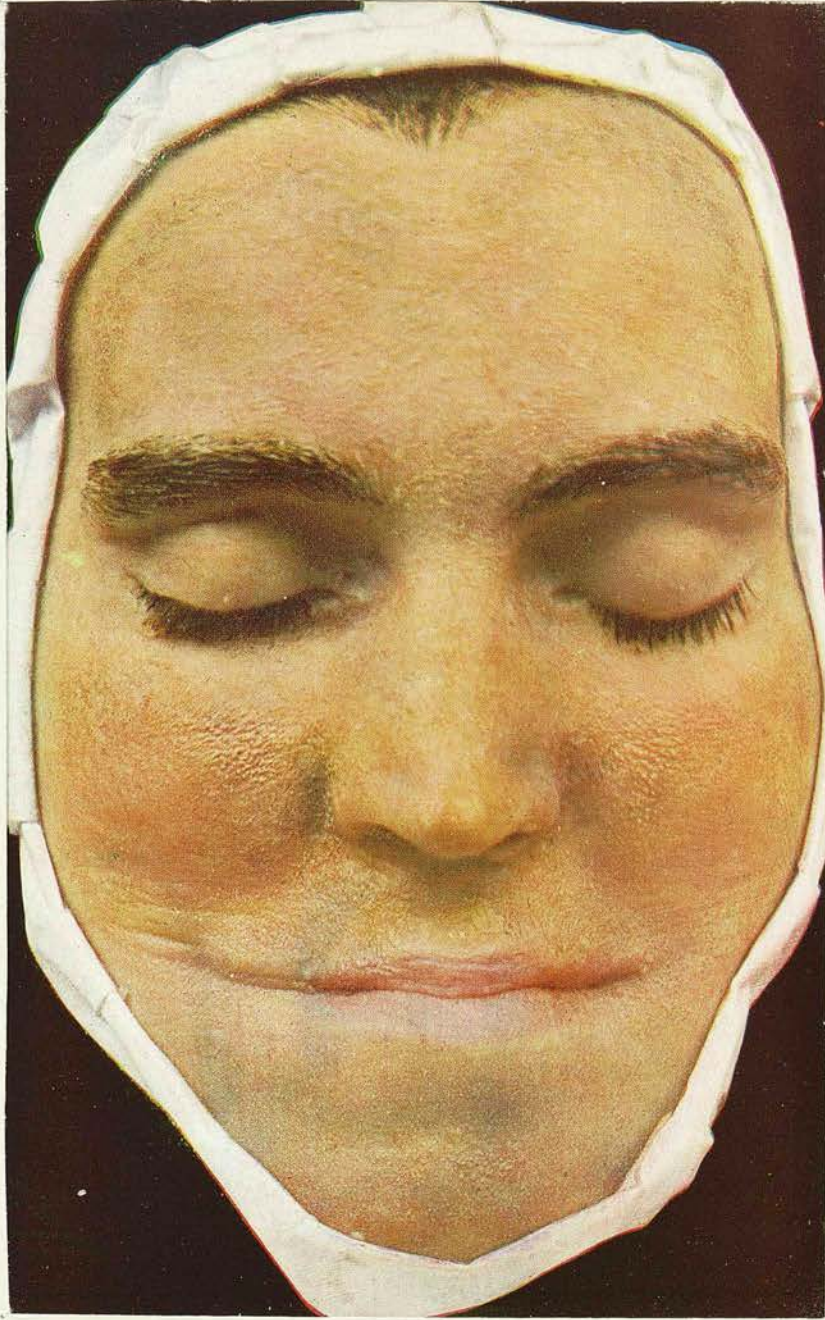


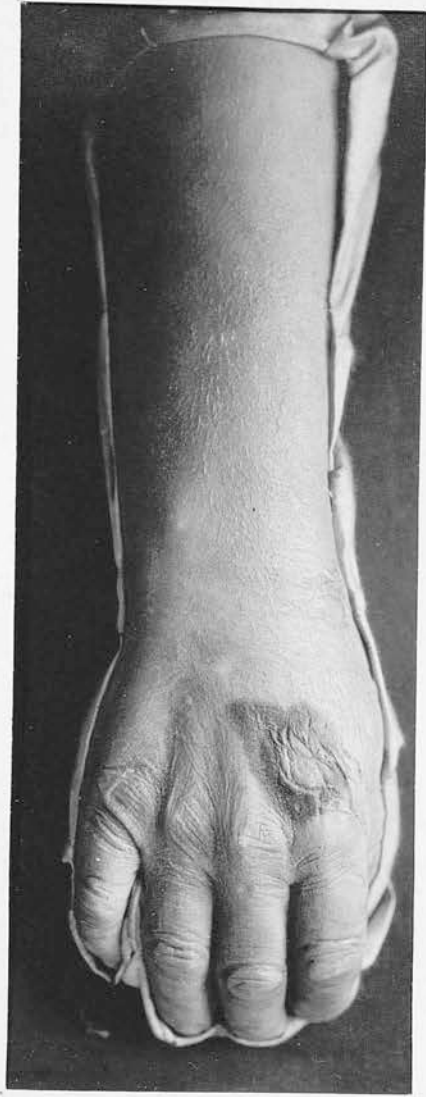
Diagram to illustrate nervous origin  
of ALOPECIA AREATA.



PELLAGRA.



PELLAGRA



PSEUDO-PELLAGRA in an Alcoholic.

Control.  
Egg White.  
Egg Yolk.  
Barley.  
Chicken Feather  
Cocoa.  
Oatmeal.



Cow's Milk.  
Salmon.  
Veal.  
Potato.  
Beef.  
Haddock.  
Herring.

CUTANEOUS TESTS. CASE 07 p. 466.



FOOD TESTS. CASE H.H. 13464.

