ILLUSTRATIONS.

ANAPHYLAXIS and SENSITISATION, with special reference to the skin and its diseases.

THESIS submitted by
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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".
PLATES.

1. Iodide rash
2. Copaiba rash
3. Bromide rash
4. Skin reaction to Pot. Brom.
5. Erythema Nodosum
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 Audoini
18. Cultures of Trichophyton Accuminatum (Richardson), and Trichophyton Crateriforme flavum. (King)
19. Cultures of Achorion Schönleinii and Achorion Quinkeanum.
20. Trichophytide.
21. Sporostrichosis
22. Actinomycosis
23. Primula Obconica.
CASTS.

1. Iodide Rash
2. Copaiba rash
3. Bromide rash
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5. Tuberculin Pirquet Reaction
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13. Tinea Barbae
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 on 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
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 RINGFUR of SCALP.
TINEA BARBAE showing deep-seated lesions.
Cultures of Microsporon Audoini from which "Microsporin" was made.
(on Sabouraud's Proof Agar.)
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)
POLYANTHUS. (To show shape of leaf)
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. Dorsum of Right Foot
   After 20 minutes

   Morphin Alkaloid
   Control

b. Dorsum of Right Foot
   After 30 minutes

   Codein Phosphate
   Morphin Hydrochlor.
   Heroin Hydrochlor.
   Control

Marks of previous test
Case Left Forearm

1 = Codeine Phosphate
2 = Heroin Hydrochloride
3 = Morphine Hydrochloride
4 = Control

55 min.
45 min.
35 min.
25 min.
15 min.
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
PSEUDO-PELLAGRA in an Alcoholic.
FOOD TESTS. CASE H.H. 464.