

Formulae used at St. John's Hospital for Diseases of the Skin / compiled by the medical staff.

Contributors

St. John's Hospital for Diseases of the Skin.

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PHARMACOPŒIA
ST. JOHN'S HOSPITAL
FOR
DISEASES OF THE SKIN.

33896

MAY RATHBONE.

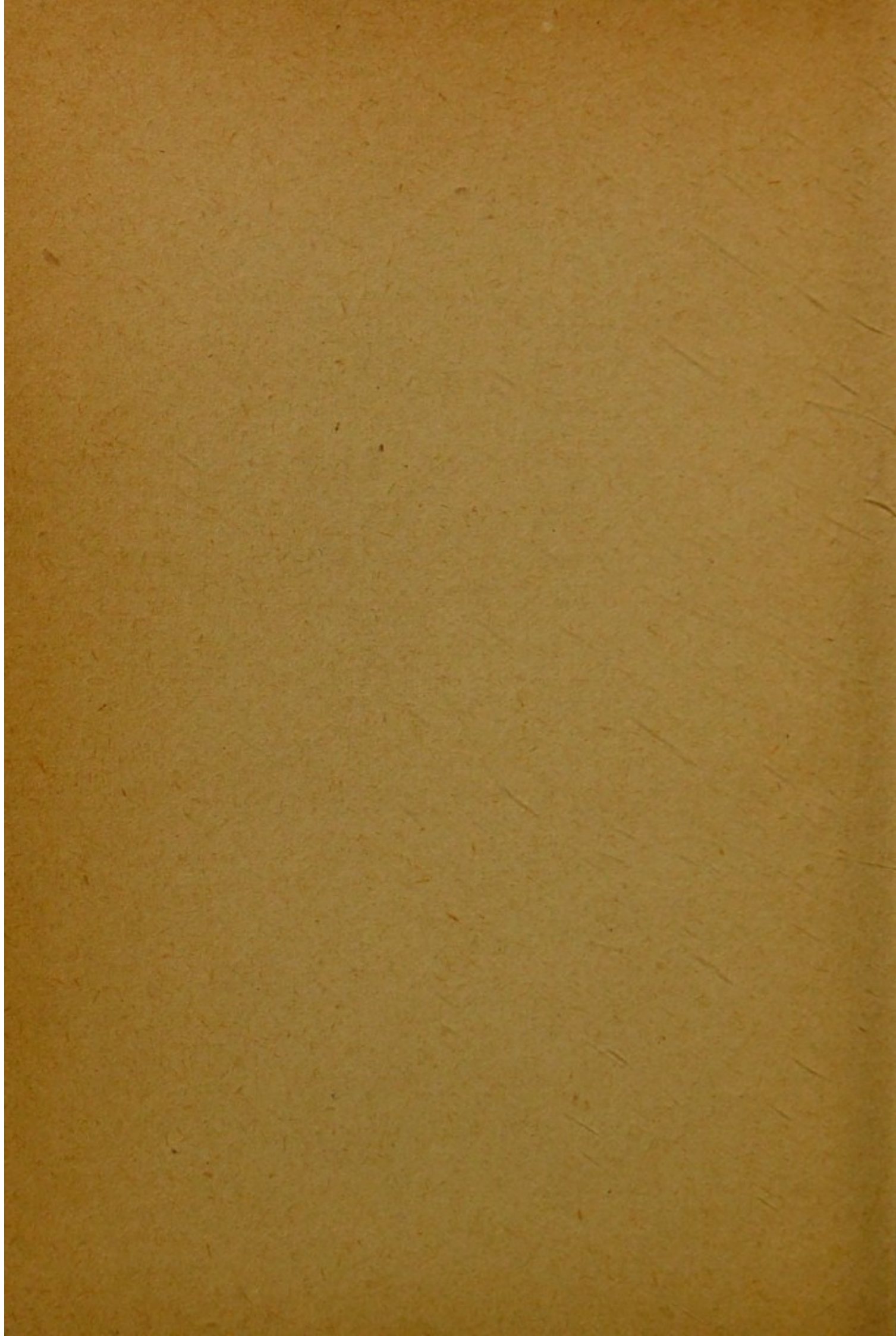
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ST. JOHN'S HOSPITAL

FOR

DISEASES OF THE SKIN

(INCORPORATED).

OFFICES AND OUT-PATIENT DEPARTMENT :
49, LEICESTER SQUARE, W.C.

IN-PATIENT DEPARTMENT :
262, UXBRIDGE ROAD, W.

(Founded A.D. 1863.)

MEDICAL STAFF:

MORGAN DOCKRELL, M.A., M.D., B.Ch.
M.O.Sc.

M. K. HARGREAVES, M.D., C.M.

WM. GRIFFITH, M.B., M.R.C.P. Lond.

J. L. BUNCH, M.D., M.R.C.P. Lond., D.Sc.

W. KNOWSLEY SIBLEY, M.A., M.D.,
B.C. Camb., M.R.C.P. Lond.

ELECTRO THERAPEUTIST:

W. HAMPSON, M.A. (Oxon.), L.M.S.S.A.

SECRETARY-SUPERINTENDENT:

GEORGE A. ARNAUDIN.

FORMULAE

1878

ST. JOHN'S HOSPITAL

FOR

DISEASES OF THE SKIN.

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FORMULÆ

USED AT

ST. JOHN'S HOSPITAL

FOR

DISEASES OF THE SKIN.

COMPILED BY

THE MEDICAL STAFF.

LONDON :

WIGHTMAN & CO., LTD.,
REGENCY STREET, S.W. and
43, ESSEX STREET, STRAND.

1912.

Price 2/6 net.

335980/33896

Lectures.



THE CHESTERFIELD LECTURES are given on Thursday evening at 6 o'clock, from October to the end of March.

HISTOLOGICAL LECTURES and Demonstrations are given by the Pathologist on Tuesdays and Thursdays, at 2 o'clock to 4 o'clock, from October to March inclusive.

POST-GRADUATE LECTURES. These lectures are given from October to end of July, particulars of which can be obtained at the Hospital.

CLINICAL DEMONSTRATIONS are given every afternoon at 2 o'clock and evening at 6 o'clock (except Saturday evenings) by the Members of the Staff attending in the Out-Patient Department.

CHESTERFIELD MEDAL. An examination for this Medal is held in May or June. Attendance on three-fourths of the Chesterfield Lectures is necessary before competing.

THE LONDON DERMATOLOGICAL SOCIETY hold their Meetings from October to July (on the Third Tuesday in the month, at 4.30 o'clock). Those wishing to apply for Fellowship or Membership can obtain forms in the office of the Hospital.

ST. JOHN'S HOSPITAL
FORMULA



ST. JOHN'S HOSPITAL

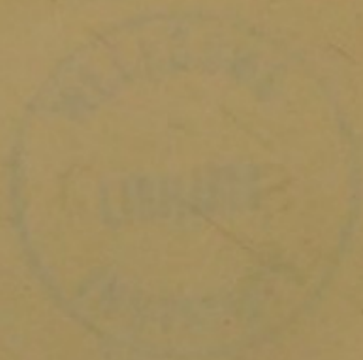
The following formulae are of the hospital
and are given for the use of the
physicians and nurses.
These formulae are given in the
appendix to the hospital.

1. *[Faint text]*
2. *[Faint text]*

3. *[Faint text]*
4. *[Faint text]*

5. *[Faint text]*
6. *[Faint text]*

Lectures.



THE CHESTERFIELD LECTURES are given on
Thursday evening at 8 o'clock, from October
to the end of March.

HISTORICAL LECTURES and Discussions
are given by the Pathologist in Charge, and
begin at 8 o'clock on Tuesday and
Thursday nights.

POST GRADUATE LECTURES are given
on Tuesday and Thursday evenings
at 8 o'clock in the Anatomical Theatre.

CLINICAL DEMONSTRATIONS are
given on Tuesday and Thursday evenings
at 8 o'clock in the Anatomical Theatre.

LECTURES ON MEDICAL JURISPRUDENCE
are given on Tuesday and Thursday evenings
at 8 o'clock in the Anatomical Theatre.

LECTURES ON THE HISTORY OF MEDICINE
are given on Tuesday and Thursday evenings
at 8 o'clock in the Anatomical Theatre.

LECTURES ON THE HISTORY OF MEDICAL SCIENCE
are given on Tuesday and Thursday evenings
at 8 o'clock in the Anatomical Theatre.

ST. JOHN'S HOSPITAL FORMULÆ.



BATHS.

The baths in general use at the hospital are of four kinds :—

Liquid, Simple Vapour, Medicated Vapour, and Radiant Heat.

These and other kinds of baths are obtainable at the Hospital.

MEDICATED BATHS.

1.—BALNEUM ALKALINUM.

Bicarbonate of Sodium ... 8 ounces.
Water at 100° Fahr. to ... 30 gallons.

2.—BALNEUM BORACIS.

Borax 10 ounces.
Add sufficient warm water to dissolve, then
add water at 100° Fahr. to 30 gallons.

3.—BALNEUM FURFURIS.

Bran 2 ounces.
Boiling water ½ pint.
Add to water at 100° Fahr., 1 gallon.

4.—BALNEUM POTASSÆ SULPH.

Sulphurated Potash	...	...	3 ounces.
Water at 100° Fahr. to	...	...	30 gallons.

BALNEUM VAPORIS.

Vapour at a temperature of from 110 to 130 Fahr. is employed, it being found safer and less prostrating to use this for a short time than steam at a lower temperature for a longer period. Consequently, the patient is in almost all cases at the beginning, and in many throughout the course, directed to remain only six or eight minutes in the bath, but to take it as hot as it can be borne. On stepping out of the bath, patients are instructed to dry themselves gently, and to wrap the whole frame quickly in a large Turkish or bath towel. It has not been observed that any state of health, which allows of the patient attending at the Hospital, is prohibitory as respects the bath. The vapour bath, given as directed, has not been found to induce or aggravate irregular action of the heart; it does not bring on prostration, and

...is not found to be more ...
...to add or subtract.

MEDICATED VAPOUR BATHS.

I.—BATHUM HYDRARGYRI.

The Mercurial Vapour Bath is given as follows:—The patient takes the Simple Vapour Bath till the skin is thoroughly heated. A vessel of calomel is placed on a metal plate, and introduced into the body of the bath through a sliding door, which is afterwards well secured. The mercury is then submitted to a high temperature and its vapour inhaled by the patient, by means of a tube, so far diluted that he can breathe it as far as possible. It can, if necessary, be repeated two or three times. The patient is unable to stay more than from ten to fifteen minutes in this bath, at the end of which time the patient should be gently cooled and dressed liberally.

Other and other Vapour Baths can also be applied locally to one or more limbs, by means of a smaller Calomel, into which the bath is put.

patients using it are not found to be more liable than others to cold or bronchitis.

MEDICATED VAPOUR BATHS.

1.—BALNEUM HYDRARGYRI.

The Mercurial Vapour Bath is given as follows:—The patient takes the Simple Vapour Bath till the skin is thoroughly heated. A scruple of calomel is placed on a metal plate, and introduced into the body of the bath through a sliding door, which is then closed. The mercury is then submitted to a high temperature and its vapour rises along with the steam, by means of which it is so far diluted that towards the close of the process it can, if necessary, be inspired two or three times. It is never requisite to stay more than from ten to fifteen minutes in this bath, at the end of which time the patient should dry the skin gently and dress leisurely.

This and other Vapour Baths can also be applied locally to one or more limbs by means of a smaller Cabinet, into which only the limb is put.

2.—BALNEUM VAPORIS SULPHURIS.

The Sulphur Vapour Bath is given in a Cabinet at the side of which is a metal plate, on which is placed a teaspoonful of sublimed sulphur; the plate is then introduced into the Cabinet over a gas jet, and the door is closed. The patient sits in the vapour five to ten minutes.

BASSORINS.

No. 1.—Bassorin.

Gum Tragacanth	5 parts.
Glycerine ...	2 „
Water ...	93 „

No. 2.—Bassorin Acidi Borici ... 10 per cent.

No. 3.—	„	Acidi Salicylici	5	„
No. 4.—	„	Chrysarobinum	5	„
No. 5.—	„	Hydronaphthol	5	„
No. 6.—	„	Ichthyol	... 30	„
No. 7.—	„	Resorcin	... 5	„
No. 8.—	„	„	... 10	„
No. 9.—	„	„	... 15	„
No. 10.—	„	„	... 20	„
No. 11.—	„	„	... 30	„
No. 12.—	„	Sulphur		
		Præcipitat	30	„
No. 13.—	„	Thioresorcin	5	„

RECIPE FOR THE PREPARATION OF

CAUSTIC POTASH

Take of Potash 1 lb
Water 1 pint
Boil for 24 hours
Filter and Evaporate to dryness

CAUSTIC SODA

Take of Soda Ash 1 lb
Water 1 pint
Boil for 24 hours
Filter and Evaporate to dryness

Take of Potash 1 lb
Water 1 pint
Boil for 24 hours
Filter and Evaporate to dryness

Take of Potash 1 lb
Water 1 pint
Boil for 24 hours
Filter and Evaporate to dryness

Take of Potash 1 lb
Water 1 pint
Boil for 24 hours
Filter and Evaporate to dryness

CAUSTIC LIME

Take of Lime 1 lb
Water 1 pint
Boil for 24 hours
Filter and Evaporate to dryness

Take of Lime 1 lb
Water 1 pint
Boil for 24 hours
Filter and Evaporate to dryness

3.—GARG. HYDRARG. PERCHLOR.

Perchloride of Mercury	...	...	$\frac{1}{4}$ grain.
Chloride of Sodium	...	...	$\frac{1}{4}$ grain.
Distilled Water	...	...	1 ounce.

4.—GARG. POT. CHLOR.

Chlorate of Potassium	...	...	20 grains.
Water	...	...	1 ounce.

GELATINES.

1.—GELATINA ZINCI.

Oxide of Zinc	...	...	1 part.
White Gelatine	...	...	2 parts.
Glycerine	...	...	3 „
Water	...	...	4 „

The above is a suitable base for making—

<i>Gelatine of Resorcin</i>	...	...	3 per cent.
<i>Gelatine of Tar</i>	...	...	5 „
<i>Gelatine of Hydronaphthol</i>	...	...	3 „
<i>Gelatine of Ichthyol</i>	...	...	10 „
<i>Gelatine of Precipitated</i>			
	<i>Sulphur</i>	4	„

PREPARATIONS

EXTRACTUM CALAMINERAE

Calamine	30 grains
Oil of Zedoaria	30
Water	2 ounces
Sesame Oil	1 ounce

EXTRACTUM CALAMINERAE COMPOSITUM

Calamine	40 grains
Oil of Zedoaria	20
Water	1 ounce
Sesame Oil	1

LOTIONS.

1. LOTIO ACIDI BORICI

Boerhaave's	20 grains
Water	1 ounce

2. LOTIO ACIDI CARBOLICI

Carbolic Acid	5 grains
Water	10

LINIMENTS.

1.—LINIMENTUM CALAMINÆ.

Calamine	...	...	...	30 grains.
Oxide of Zinc	...	...	...	30 „
Wool Fat	...	...	...	2 drams.
Sesame Oil to	...	...	...	1 ounce.

2.—LINIMENT CALAM CUM CALCE.

Calamine	...	...	...	40 grains.
Oxide of Zinc	...	...	...	20 „
Solution of Lime	...	...	...	$\frac{1}{2}$ ounce.
Sesame Oil	...	...	...	$\frac{1}{2}$ „

LOTIONS.

1.—LOTIO ACIDI BORICI.

Boric Acid	...	...	...	20 grains.
Water to	...	...	...	1 ounce.

2.—LOTIO ACIDI CARBOLICI.

Carbolic Acid	...	...	...	2 parts.
Water to	...	...	...	100 „

3.—LOT. ACIDI BORICI CUM SPIRITU.

Boric Acid	...	...	...	20 grains.
Methylated Spirit	...	...	...	1 ounce.

4.—LOT. ACID. CARBOL. CUM SPIRITU.

Carbolic Acid	...	...	...	1 dram.
Glycerine	...	...	...	1 „
Methylated Spirit	...	...	...	3 ounces.
Water to	...	...	...	6 „

5.—LOTIO CALAMINÆ.

Native Calamine	} of each	...	...	20 grains.
Oxide of Zinc				
Glycerine	...	...	...	30 minims.
Solution of Lime	...	...	...	5 drams.
Water to	...	...	..	1 ounce.

6.—LOTIO CALAMINÆ CUM CARB.
DETERG.

Liquor Carb. Detergens	...	...	...	8 minims.
Calamine Lotion	...	...	...	1 ounce.

7.—LOTIO CARB. DETERGENS.

Liquor Carb. Deterg.	...	...	...	4 minims.
Water	...	...	...	1 ounce.

RECIPE FOR MERCURY SOLUTION

1. MERCURIO HYDRARGYRICI DEBILISSIMA
Bichloride of Mercury 10 grains
Water 100

2. MERCURIO HYD. ET CARBON.
Bichloride of Mercury 10 grains
Lactic Acid 2
Methylated Spirit 2
Glycerine 1
Water 10

3. MERCURIO ET SOL.
Lead 2 p.c. to 20 p.c. as ordered.
Water Quantity sufficient

4. MERCURIO NICOTIS CARBONIS
Solution of Carb. Nic. 10 grains
Methylated Spirit 10
Glycerine 20
Liquor Water 10

5. MERCURIO PLUMBI CANC.
Bichloride of Mercury 10 grains
Lead 10 grains

12. POTASSIUM BICARBONATE

13. POTASSIUM BICARBONATE

Acid. Sol. 20 grains

Medicated Syrup 1 ounce

14. POTASSIUM BICARBONATE

Acid. Sol. 1 grain

Medicated Syrup 1 ounce

15. POTASSIUM BICARBONATE

Acid. Sol. 1 grain

Medicated Syrup 1 ounce

16. POTASSIUM BICARBONATE

Acid. Sol. 20 grains

Medicated Syrup 1 ounce

17. POTASSIUM BICARBONATE

Acid. Sol. 1 grain

Medicated Syrup 1 ounce

18. POTASSIUM BICARBONATE

Acid. Sol. 1 grain

Medicated Syrup 1 ounce

19. POTASSIUM BICARBONATE

Acid. Sol. 1 grain

Medicated Syrup 1 ounce

8.—LOTIO HYDRARG. PERCHLOR.

Perchloride of Mercury	...	1 part.
Water to	... ..	1000 parts.

9.—LOTIO HYD. ET CARBOL.

Perchloride of Mercury	...	1½ grains.
Carbolic Acid	... ..	22 „
Methylated Spirit	... ..	45 „
Glycerine	... ..	1 dram.
Water to	... ..	1 ounce.

10.—LOTIO LYSOL.

Lysol	... 2 p.c. to 20 p.c. as ordered.
Water	... .. Quantity sufficient.

11.—LOTIO PICIS CARBONIS.

Solution of Coal Tar	... ..	10 minims.
Methylated Spirit	... ..	10 „
Glycerine	... ..	20 „
Camphor Water to	... ..	1 ounce.

12.—LOTIO PLUMBI CARB.

Bicarbonate of Sodium	...	1 dram.
Dilute Lead Lotion	... ..	1 pint.

13.—LOTIO PLUMBI CUM ZINCO.

Dilute Solution of Subacetate

of Lead	...	...	...	1 dram.
Zinc Oxide	...	...	...	20 grains.
Glycerine	...	...	...	$\frac{1}{2}$ dram.
Water to	...	...	...	1 ounce.

14.—LOTIO RESORCINI.

Resorcin	...	9 grains to	240 grains.
Water to	...	...	1 ounce.

15.—LOTIO RUBRA.

Sulphate of Zinc	...	...	1 grain.
Tincture of Lavender	...	...	1 minim.
Water	...	...	1 ounce.

16.—LOTIO SODII BICARBONATIS.

Bicarbonate of Sodium	...	10 grains.
Camphor Water	...	1 ounce.

17.—LOTIO SODII HYPOSULPHITIS.

Hyposulphite of Sodium	...	1 dram.
Water to	...	1 ounce.

19. LOTIO STIMULANS

Grains of Camphor	10 grains
Strong Solution of Ammonia	1 ounce
Glycerin	1 ounce
Water to	1 ounce

20. LOTIO SULPHURIS ET AC-SALICYL

Salicylic Acid	10 grains
Prepared Sulphur	50
Glycerin	20 minims
Borax	25 grains
Solution of Lime	1 ounce
Water to	1 ounce

21. LOTIO TRIPLEXIS

Calamine	10 grains
Oxide of Zinc	10
Glycerin	10 minims
Carbolic Acid	5 grains
Strong Solution of Lead	2 minims
Water to	1 ounce

22. LOTIO ZINC SULPHUR

Prepared Sulphur	5 grains
Solution of Zinc	10 grains
Water to	1 ounce

18.—LOTIO STIMULANS.

Tincture of Cantharides	...	...	...	$\frac{1}{2}$ dram.
Strong Solution of Ammonia				$\frac{1}{2}$ „
Glycerine	...	...	...	1 „
Water to	...	...	...	1 ounce.

19.—LOTIO SULPHURIS CUM AC.
SALICYL.

Salicylic Acid	...	...	...	10 grains.
Precipitated Sulphur	...	...	...	40 „
Glycerine	...	...	...	20 minims.
Borax	...	...	...	25 grains.
Solution of Lime	...	...	...	$\frac{1}{2}$ ounce.
Water to	...	...	...	1 ounce.

20.—LOTIO TRIPLICIS.

Calamine	...	...	...	10 grains.
Oxide of Zinc	...	...	...	10 „
Glycerine	...	...	...	10 minims.
Carbolic Acid	...	...	...	5 grains.
Strong Solution of Lead	...	...	...	2 minims.
Water to	...	...	...	1 ounce.

21.—LOTIO ZINC SULPHID.

Sulphurated Potash	...	...	...	15 grains.
Sulphate of Zinc	...	...	...	15 grains.
Water to	...	...	...	1 ounce.

MIXTURES.

1.—MISTURA ACIDI ARSENIOSI.

Diluted Nitric Acid	...	...	10 minims.
Hydrochloric Solution of Arsenic	2	„	
Infusion of Gentian to	...		$\frac{1}{2}$ ounce.

2.—MISTURA ACIDI CUM GENTIANA.

Diluted Nitric Acid	...	...	10 minims.
Infusion of Gentian to	...		$\frac{1}{2}$ ounce.

3.—MIST. ACID NITRO-HYDRO. CUM STRYCH.

Diluted Nitro-Hydrochloric Acid	5 minims.
Solution of Strychnine	... 2 „
Water to	... $\frac{1}{2}$ ounce.

4.—MISTURA ALKALINA APERIENS.

Tincture of Capsicum	...	$\frac{1}{2}$ minim.
Sulpho Carbolate of Sodium		10 grains.
Sulphate of Magnesium	...	30 „
Bicarbonate of Sodium	...	5 „
Clove Water to	... ..	$\frac{1}{2}$ ounce.

MISTURA ALKALINA CENTIARA

Decompose of Sodium	15 grams
Carbonate of Ammonium	3 "
Extract of Chloretom	Sufficient
Infusion of Gentian	1 ounce

MISTURA ALKALINA NITRUM

Decompose of Sodium	15 grams
Carbonate of Ammonium	15 "
Carbonate of Potassium	3 "
Infusion of Sassafras	3 "
Infusion of Sassafras	1 "
Peppermint Water	1 ounce

MISTURA ANNONIA COMPOSITA

Soluble of Arsenic of	
Ammonium	15 grams
Carbonate of Ammonium	15 "
Infusion of Calchicum Seeds	1 ounce
Infusion of Digitalis	1 "
Compound Water	1 ounce

1875

MIXTURES.

1. *...*

2. *...*

3. *...*

4. *...*

5. *...*

6. *...*

5.—MISTURA ALKALINA GENTIANA.

Bicarbonate of Sodium	...	15 grains.
Carbonate of Ammonium	...	3 „
Spirit of Chloroform	...	5 minims.
Infusion of Gentian to	...	$\frac{1}{2}$ ounce.

6.—MISTURA ALKALINA RHEUM.

Bicarbonate of Sodium	...	15 grains.
Bicarbonate of Potassium	...	15 „
Carbonate of Ammonium	...	3 „
Powdered Rhubarb	...	5 „
Powdered Ipecacuanha	...	$\frac{1}{2}$ „
Peppermint Water to	...	1 ounce.

7.—MISTURA AMMONIÆ COMPOSITA.

Solution of Acetate of		
Ammonium		$1\frac{1}{2}$ drams.
Carbonate of Ammonium	...	3 grains.
Tincture of Colchicum Seeds		6 minims.
Tincture of Digitalis	... ..	6 „
Camphor Water to	... ..	$\frac{1}{2}$ ounce.

8.—MISTURA ARSENICALIS ALK.

Fowler's Solution	...	...	4 minims.
Solution of Potash	...	...	10 „
Bicarbonate of Sodium	...	...	10 grains.
Carbonate of Magnesium	...	...	5 „
Peppermint Water to	...	...	$\frac{1}{2}$ ounce.

9.—MISTURA BISMUTHI.

Carbonate of Bismuth	...	...	5 grains.
Bicarbonate of Soda	...	...	10 „
Water to	...	...	$\frac{1}{2}$ ounce.

10.—MISTURA CALCII CHLORIDI.

Chloride of Calcium	...	...	20 grains.
Water to	...	...	1 ounce.

11.—MIST. CALCII LACTO-PHOSPH.

Syrup of Lactophosphate of Lime	...	...	20 minims.
Water to	...	...	2 drams.

12.—MISTURA CINCHONÆ CO.

Fowler's Solution	...	...	5 minims.
Liquid Extract of Cinchona	...	...	6 „
Water to	...	...	$\frac{1}{2}$ ounce.

8. — MISTURA ARSENIATIS ALK.

Fowler's Solution	4 minims
Solution of Potash	10
Bicarbonate of Sodium	10 grains
Carbonate of Magnesium	5
Peppermint Water	1 ounce

9. — MISTURA BISMUTHI

Carbonate of Bismuth	5 grains
Dichloride of Soda	10
Water	1 ounce

10. — MISTURA CANTH. CHLORIDI

Chloride of Calcium	20 grains
Water	1 ounce

11. — MISTURA CANTH. QUINTESSENTIA

Essence of Cantharides	20 minims
Water	1 ounce

12. — MISTURA CINCHONAE

Fowler's Solution	5 minims
Liquid Extract of Cinchona	10
Water	1 ounce

13.—MISTURA CINCHONÆ CUM
STRYCHNINA.

Hydrochloric Solution of			
	Arsenic	5	minims.
Solution of Strychnine	...	5	„
Compound Tincture of			
	Cinchona	5	„
Water to	... ..	$\frac{1}{2}$	ounce.

14.—MISTURA DIURETICA.

Acid Tartrate of Potassium		$\frac{1}{2}$	dram.
Vinegar of Squills	... ..	$\frac{1}{2}$	„
Spirit of Nitrous Ether	...	5	minims.
Tincture of Digitalis	... ..	5	„
Decoction of Broom to	...	$\frac{1}{2}$	ounce.

15.—MISTURA FEBRIFUGA.

Solution of Acetate of			
	Ammonium	40	minims.
Spirit of Nitrous Ether	...	15	„
Antimonial Wine	... ..	10	„
Camphor Water to	... ..	$\frac{1}{2}$	ounce.

16.—MISTURA FERRI ARSENICALIS.

Dilute Phosphoric Acid	...	10 minims.
Tincture of Perchloride of Iron	... ..	10 "
Hydrochloric Solution of Arsenic	...	6 "
Glycerine	... ..	10 "
Water to	... ..	$\frac{1}{2}$ ounce.

17.—MISTURA FERRI AMM. CIT.

Citrate of Iron and Ammonium	...	4 grains.
Carbonate of Ammonium	...	4 "
Water to	... ..	$\frac{1}{2}$ ounce.

18.—MISTURA FERRI CUM STRYCH.

Solution of Perchloride of Iron	...	10 minims.
Solution of Strychnine	...	5 "
Water to	... ..	$\frac{1}{2}$ ounce.

19.—MISTURA FERRI SULPHATIS.

Sulphate of Iron	... ..	3 grains.
Sulphate of Magnesium	...	20 "
Dilute Sulphuric Acid	...	10 minims.
Water to	$\frac{1}{2}$ ounce.

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ST. JOHN'S COLLEGE, BOSTON

10 - AUGUST 18, 1881

Dear Professor Agassiz
I have the pleasure to acknowledge
the receipt of your letter of the
17th inst. and in reply to inform
you that the same has been forwarded
to the proper authorities.

I am, Sir, very respectfully,
Your obedient servant,
Wm. Brewster

Wm. Brewster
Secretary of the
Massachusetts Society
of Ornithology

10 - AUGUST 18, 1881

Dear Professor Agassiz
I have the pleasure to acknowledge
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Wm. Brewster
Secretary of the
Massachusetts Society
of Ornithology

20.—MISTURA HYDRARG. BINIOD.

Solution of Perchloride of			
Mercury	...	...	30 minims.
Iodide of Potassium	...	...	5 grains.
Infusion of Quassia	...	...	$\frac{1}{2}$ ounce.

21.—MISTURA HYD. PERCHLOR.

Solution of Perchloride of			
Mercury	...	...	20 minims.
Dilute Nitric Acid	...	...	5 „
Infusion of Gentian to	...	...	$\frac{1}{2}$ ounce.

22.—MISTURA NUCIS VOMICÆ.

Tincture of Nux Vomica	...	...	5 minims.
Acetate of Potassium	...	...	5 grains.
Chloroform	...	...	1 minim.
Infusion of Quassia to	...	...	$\frac{1}{2}$ ounce.

23.—MISTURA POTASSII BROMIDI.

Bromide of Potassium	...	...	15 grains.
Carbonate of Ammonium	...	...	3 „
Stronger Tincture of Ginger	...	...	2 minims.
Chloroform Water to	...	...	$\frac{1}{2}$ ounce.

22. ST. JOHN'S HOSPITAL TOMBULE

24. MISTURA POTASSII CHLORATI

Chlorate of Potassium 10 grains
Water to ʒi

25. MIST. POT. IOD. CUM QUA.

Sulphate of Quinine ʒi
Iodine Sulphuric Acid ʒi
Iodide of Potassium ʒi
Water to ʒi

26. MISTURA POTASSII IODIDI

Iodide of Potassium ʒi
Water to ʒi

27. MISTURA SAEINA (VUL. MIST.

Sulphate of Magnesium ʒi
Carbonate of Magnesium ʒi
Sulphate of Potassium ʒi
Peppermint Water to ʒi

28.—MISTURA PRO TUSSI.

Citrate of Potassium	...	...	15 grains.
Ipecacuanha Wine	...	...	5 minims.
Compound Tinc. of Camphor			30 „
Tincture of Squills	...	...	10 „
Camphor Water to	...	...	$\frac{1}{2}$ ounce.

29.—MISTURA RICINI CALCIS.

Castor Oil	...	...	7 drams.
Sesame Oil	...	...	1 „
Tincture of Orange	...	...	10 minims.
Solution of Lime	...	...	8 drams.

30.—MISTURA TONICA.

Dilute Phosphoric Acid	...	...	10 minims.
Solution of Strychnine	...	...	$2\frac{1}{2}$ „
Infusion of Cascarella to	...	...	$\frac{1}{2}$ ounce.

31.—MISTURA VINI ANTIMONIALIS.

Sulphate of Magnesium	...	...	20 grains.
Antimonial Wine	...	...	10 minims.
Infusion of Roses to	...	...	$\frac{1}{2}$ ounce.

OILS.

1.—OLEUM CARBOLIC.

Carbolic Acid ...	...	...	1 part.
Sesame Oil to	...	...	40 parts.

2.—OLEUM NAPHTHOL.

Naphthol ...	...	...	22 grains.
Sesame Oil ...	...	...	1 ounce.

OINTMENTS.

1.—UNGUENTUM ACIDI CARBOLICI.

Carbolic Acid ...	...	...	10 grains.
Oxide of Zinc ...	...	...	$\frac{1}{2}$ dram.
Lard to	...	...	1 ounce.

2.—UNG. ACID. SALICYL. CUM CARBOL.

Salicylic Acid ...	...	...	$\frac{1}{2}$ dram.
Carbolic Acid ...	...	...	$\frac{1}{2}$ „
Soft Paraffin to	...	...	1 ounce.

4-ETHYL ACID SALICYLATE

Salicylic Acid 100.00

Acetylated Mercury 10.00

Salt Hydrolysis 10.00

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4-ETHYL ACID SALICYLATE

Salicylic Acid 100.00

Acetylated Mercury 10.00

24

1 - MENTHOL
OILS.

1 - MENTHOL
Carbide 100
Sesame Oil 100

2 - MENTHOL
Sesame Oil 100

OINTMENTS

1 - CHOLESTEROL
Sesame Oil 100

2 - CHOLESTEROL
Sesame Oil 100

3.—UNG. ACID. SALICYL. ET. HYD.
AMM.

Salicylic Acid	10 grains.
Ammoniated Mercury	5 „
Soft Paraffin to	1 ounce.

4.—UNG. ACID. SALICYL. CUM HYD. OL.

Salicylic Acid	15 grains.
Oleate of Mercury	20 „
Lard to	1 ounce.

5.—UNG. ACID. SALICYL. CUM PETROL
CO.

Salicylic Acid	10 grains.
Petroleum Ointment to	1 ounce.

6.—UNG. AC. SALICYL. CUM SULPH.

Salicylic Acid	10 grains.
Precipitated Sulphur	35 „
Lard to	1 ounce.

7.——UNGUENTUM ACIDI TANNICI.

Tannic Acid	1 dram.
Soft Paraffin to	1 ounce.

8.—UNGUENTUM ARISTOL.

Aristol	...	...	...	9 grains.
Soft Paraffin to	...	...	...	1 ounce.

9.—UNGUENTUM CAL. CUM OL. LINI.

Native Calamine	...	...	...	5 grains.
Oxide of Zinc	...	...	...	5 „
Linseed Oil	...	...	...	$\frac{1}{2}$ dram.
Soft Paraffin to	...	...	...	1 ounce.

10.—UNG. CERATI GALENÆ.

White Wax	...	...	...	1 part.
Sesame Oil	...	...	...	5 parts.
Rose Water	...	...	...	4 „

11.—UNG. CHRYSAROBIN.

Chrysarobin	...	...	...	22 grains.
Lard to	...	...	...	1 ounce.

12.—UNG. CHRYSAROBIN CO.

Chrysarobin	...	...	...	5 parts.
Ichthyol	...	...	...	5 „
Acid Salicylic	...	...	...	2 „
Soft Paraffin	...	...	...	88 „

13. UNCTIO CHRYSOPHANI COM.

Chrysophanic Acid 10 grains
Compound Ointment of
Zinc Oxide 1 ounce

14. UNGUENTUM CUPRI OLIVATI

Oxide of Copper 1/2 grains
Lard 1 ounce

15. UNGUENTUM DIACEYLI

Lead Diacetate 1 ounce
Soft Paraffin 1 ounce

16. UNCTIO HYDRARGYRI

Amalgamated Mercury 15 grains
Soft Paraffin 1 ounce

17. UNCTIO HYDRARGYRI NITRATI

Oxide of Nitrate of Mercury 1 grain
Soft Paraffin 1 ounce

8. UNGUENTUM ARISTOL.

Aristol	5 grains
Soft Paraffin to	1 ounce

9. UNGUENTUM CALAMINOLINUM

Native Calamine	5 grains
Oxide of Zinc	5
Linseed Oil	1 dram
Soft Paraffin to	1 ounce

10. UNO. CERATI BALSAMI

Balsam of Peru	1 part
Resin of Cedar	1 part
Soft Paraffin	1 part

11. UNO. CERATI ROSAE

Cherry Blossom	2 parts
Lard to	1 ounce

12. UNO. CERATI ROSAE CO.

Cherry Blossom	2 parts
Resin	2
Soft Paraffin	2

13.—UNG. CHRYSOPHANICI COMP.

Chrysophanic Acid	...	...	10 grains.
Compound Ointment of Petroleum to	...	...	1 ounce.

14.—UNGUENTUM CUPRI OLEATIS.

Oleate of Copper	...	...	1½ drams.
Lard to	...	...	6 „

15.—UNGUENTUM DIACHYLI.

Lead Plaster	...	...	½ ounce.
Soft Paraffin	...	...	½ „

16.—UNG. HYD. AMM. DIL.

Ammoniated Mercury	...	...	15 grains.
Soft Paraffin to	...	...	1 ounce.

17.—UNG. HYD. NIT. DIL.

Ointment of Nitrate of Mercury	...	...	1 dram.
Soft Paraffin to	...	...	1 ounce.

18.—UNG. HYDRARG. OLEATIS.

Oleate of Mercury	...	...	1 dram.
Lard to	...	...	1 ounce.

19.—UNG. HYD. OX. FLAV.

Yellow Oxide of Mercury	...	...	4 grains.
Soft Paraffin to	...	...	1 ounce.

20.—UNG. HYD. OX. RUB.

Sesame Oil	...	...	2 drams.
Red Oxide of Mercury	...	...	16 grains.
Soft Paraffin to	...	...	1 ounce.

21.—UNG. HYD. PERSULPH. (VERMIL.).

Persulphide of Mercury	...	...	15 grains.
Precipitated Sulphur	...	...	30 „
Soft Paraffin to	...	...	1 ounce.

22.—UNG. HYDRONAPHTHOL.

Hydronaphthol	...	...	22 grains.
Soft Paraffin to	...	...	1 ounce.

1. - 2.000 gms. of pure metallic
lead
Lead
Lead

2. - 2.000 gms. of pure metallic
Lead
Lead
Lead

3. - 2.000 gms. of pure metallic
Lead
Lead
Lead

4. - 2.000 gms. of pure metallic
Lead
Lead
Lead

5. - 2.000 gms. of pure metallic
Lead
Lead
Lead

1. THE PROBLEM

The first step in the planning process is to identify the problem. This involves a clear understanding of the current situation and the goals that need to be achieved.

2. ANALYSIS OF THE PROBLEM

Once the problem is identified, the next step is to analyze it. This involves breaking down the problem into its constituent parts and identifying the causes and effects.

3. DEVELOPING ALTERNATIVES

The third step is to develop alternatives. This involves brainstorming different ways to solve the problem and evaluating the pros and cons of each alternative.

4. CHOOSING AN ALTERNATIVE

After developing alternatives, the next step is to choose one. This involves comparing the alternatives based on their feasibility, cost, and potential benefits.

5. IMPLEMENTATION

The final step is to implement the chosen alternative. This involves putting the plan into action and monitoring progress to ensure that the goals are being met.

23.—UNGUENTUM ICHTHYOL.

Ichthyol	...	...	135 grains (30 p.c.)
Soft Paraffin	...	...	1 ounce.

24.—UNG. ICHTHYOL CUM SALICYL.

Salicylic Acid	...	...	20 grains.
Ichthyol Ointment	...	...	1 ounce.

5.—UNG. ICHTHYOL CUM ZINCO.

Zinc Oxide	...	...	1 dram.
Ichthyol Ointment	...	...	1 ounce.

26.—UNGUENTUM LANOLIN CO.

Lanoline	...	...	$\frac{1}{2}$ ounce.
Lard	...	...	$\frac{1}{2}$ "

27.—UNGUENTUM METALLORUM.

Subchloride of Mercury	...	...	10 grains.
Oxide of Zinc	...	...	20 "
Acetate of Lead	...	...	10 "
Ointment of Nitrate of Mercury	...	...	10 "
Lard to	...	...	1 ounce.

28.—UNG. NAPHTHOL.

Naphthol	...	...	...	22 grains.
Sesame Oil	...	...	...	6 drams
Beeswax	...	...	...	2 ,,

29.—UNG. PETROL. CO.

Solution of Coal Tar	...	...	...	$\frac{1}{2}$ dram.
Ammoniated Mercury	...	...	...	10 grains.
Soft Paraffin to	...	...	...	1 ounce.

30.—UNG. PET. CUM OLEO CADINO.

Oil of Cade	...	...	...	1 dram.
Compound Petroleum Oint.				1 ounce.

31.—UNGUENTUM RESORCINI.

Glycerine	...	...	...	$\frac{1}{2}$ dram.
Resorcin	...	...	44 grains	(10 p.c.)
Soft Paraffin to	...	...	...	1 ounce.

32. UNGUENTUM RESORCIN CO.

Bismuth	25 grains
Oxide of Zinc	25 "
Starch	25 "
Soft Paraffin	1 ounce

33. UNGUENTUM STANNI OLIVATI.

Oxide of Tin	40 grains (20 p. o.)
Soft Paraffin	1 ounce

34. UNG. SULPH CO.

Sublimed Sulphur	1 dram
Carbolic Acid	5 minims
Salt Soap	1 dram
Soft Paraffin	1 ounce

35. UNG. SULPH. C. NAPHTHA.

Prepared Sulphur	20 grains
Salicylic Acid	10 "
Naphthol	10 "
Prepared Mercury	10 "
Soft Paraffin	1 ounce

18. ...

19. ...

20. ...

21. ...

22. ...

23. ...

24. ...

25. ...

26. ...

32.—UNGUENTUM RESORCIN CO.

Resorcin	...	...	...	22 grains.
Oxide of Zinc	...	...	...	22 „
Starch	...	...	...	22 „
Soft Paraffin to	...	...	...	1 ounce.

33.—UNGUENTUM STANNI OLEATIS.

Oleate of Tin	...	...	90 grains (20 p.c.)
Soft Paraffin	...	...	1 ounce.

34.—UNG. SULPH CO.

Sublimed Sulphur	...	...	1 dram.
Carbolic Acid	...	...	8 minims.
Soft Soap	...	...	1 dram.
Soft Paraffin to	...	...	1 ounce.

35.—UNG. SULPH. C. NAPHTHA.

Precipitated Sulphur	...	...	30 grains.
Salicylic Acid	...	...	10 „
Betanaphthol	...	...	10 „
Ammoniated Mercury	...	...	10 „
Soft Paraffin to	...	...	1 ounce.

36.—UNG. SULPH. ET ZINC.

Precipitated Sulphur	...	...	...	$\frac{1}{2}$ dram.
Zinc Ointment to	...	...	...	1 ounce.

37.—UNGUENTUM THIO-RESORCIN.

Thio-resorcin	...	...	...	90 grains.
Soft Paraffin to	...	...	...	1 ounce.

38.—UNG. ZINCI CUM PLUMBO.

Solution of Subacetate of Lead	...	...	...	1 dram.
Zinc Ointment	...	...	...	7 drams.

PAINTS.

1.—PIGMENTUM ACID SALICYLIC.

Salicylic Acid	...	...	...	1 dram.
Flexible Collodion to	...	...	...	10 drams.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

REPORT OF THE

COMMISSIONERS OF THE

UNIVERSITY OF CHICAGO

FOR THE YEAR

1890-1891

CHICAGO, ILL.

1891

PRINTED BY

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CHICAGO, ILL.

1891

ST. JOHN'S HOSPITAL
SECOND FLOOR
Philadelphia, Pa.
1912

BY INVENTION THIS RESORCIN
TABLETS

BY THE METHOD OF
Preparation of Tablets of Resorcin
and Tablets

PATENTS

BY THE METHOD OF
Preparation of Tablets of Resorcin
and Tablets

2.—PIGMENTUM CHRYSAROBINI.

Chrysarobin	...	...	...	4 drams.
Ether	}	of each sufficient quantity.		
Alcohol				
Flexible Collodion to	...			4 fluid ounces.

PASTES.

1.—PASTA ACIDI SALICYLICI.

Salicylic Acid	...	...	...	10 grains.
Oxide of Zinc	...	...	...	2 drams.
Starch	...	...	...	2 „
Soft Paraffin to	...	...	...	1 ounce.

2.—PASTA PICIS MITIS.

Solution of Coal Tar	...	...	...	15 minims.
Oxide of Zinc	...	...	...	20 grains.
Boric Acid	...	...	...	20 „
Starch	...	...	...	1 dram.
Soft Paraffin to	...	...	...	1 ounce.

3.—PASTA ZINCI.

Oxide of Zinc	1 dram.
Starch	1 „
Lard to	1 ounce.

4.—PASTA ZINCI CUM CAMPH.

Oxide of Zinc	1 dram.
Powdered Starch	1 „
Flowers of Camphor	$\frac{1}{2}$ „
Lard	1 ounce.

 PILLS.

1.—PILULÆ CALCII SULPHIDI.

$\frac{1}{16}$ grain, $\frac{1}{2}$ grain, 1 grain.

2.—PIL. COL. CUM HYDRARG.

Mercury Pill	1 grain.
Colocynth Pill	2 grains.
Extract of Henbane	2 „

PLASTERS

1. EMPLASTRUM HYDRONAPHTHOL.

Hydro-naphthol	10 parts.
Base	90

2. PLASTER MULL. GUNNA.

1. Sub. Sp. rectif. concolor.

1. Chloroform	10 grammes.
2. Hydrargyr.	20
3. Hydrargyr.	20
Carbonic Acid	7.5
4. Iodol.	10
Zinc Oxide	10
5. Mercury	20 parts.
Perchloride of Mercury	2
Carbonic Acid	10
Oxide of Zinc	10
Base	90

3--PASTA ZINCI

Oxide of Zinc	1 dram
Starch	1 1/2
Lard	1 ounce

4--PASTA ZINCI and CAMPH

Oxide of Zinc	1 dram
Powered Starch	1 1/2
Pinus of Camphor	1
Lard	1 ounce

PILLS

1--PIL. COL. (P. 100)

To be taken 3 times a day

2--PIL. COL. (P. 100)

Mercury Pill	1 grain
Cubeb's Oil	2 grains
Extract of Hyacinth	2

PLASTERS.

1.—EMPLASTRUM HYDRONAPHTHOL

Hydronaphthol	...	...	10 parts.
Base	...	...	90 „

2.—PLASTER MULL. (UNNA).

1/5th Sq. metre contains :—

1.—Chrysarobin	...	10 grammes.
2.—Hydrargyri	...	20 „
3.—Hydrargyri	...	20 „
Carbolic Acid	...	7.5 „
4.—Ichthyol	...	10 „
Zinc Oxide	...	10 „
5.—Mercury	...	20 parts.
Perchloride of Mercury		2 „
Carbolic Acid	...	10 „
Oxide of Zinc	...	10 „
Base	...	58 „

6.—Resorcin	...	...	15	grammes.
7.—Salicylic Acid	...	...	10	„
8.—Salicylic Acid	...	...	10	„
Creosote	...	...	20	„
9.—Salicylic Acid	...	...	15	„
Creosote	...	...	30	„
10.—Salicylic Acid	...	...	20	„
Creosote	...	...	40	„
11.—Salicylic Acid	...	...	30	„
Creosote	...	...	50	„
12.—Salicylic Acid	...	...	40	„
Creosote	...	...	40	„
13.—Salicylic Acid	...	...	50	„
Creosote	...	...	50	„
14.—Oxide of Zinc	...	...	10	„
Salicylic Acid	...	...	5	„
15.—Oxide of Zinc	...	...	10	„
Ichthyol	...	...	5	„

POWDERS.

1.—PULVIS ACID BORICI ET AMYLI.

Powdered Boric Acid } of each equal parts.
 „ Starch }

2. PULVIS SODAE BORICAE ET ZINCI

Prepared Soda 1 part
" Boric Acid 3 parts
Oxide of Zinc 2

3. PULVIS ACIDIS SALICYLICIS COMP.

Salicylic Acid 2 parts
Prepared Starch 10
" " 2

4. PULVIS CALOMELIS COMP.

Calomel 2 parts
Prepared Boric Acid 7
" Starch 7

5. PULVIS BUREI HYDRARGYRICI.

Mercury with Chlorine 1 part
Bicarbonate of Soda 2 parts
Powdered Starch 2

SAPONIS SODICI

Salt Soap 1 part
Methylated Spirit 2 parts

30 ST. JOHN'S HOSPITAL FORMULARY

1. Potassium	15 grammes
2. Salicylic Acid	10 "
3. Salicylic Acid	10 "
4. Potassium	20 "
5. Salicylic Acid	15 "
6. Potassium	30 "
7. Salicylic Acid	20 "
8. Potassium	40 "
9. Salicylic Acid	30 "
10. Potassium	50 "
11. Salicylic Acid	40 "
12. Potassium	60 "
13. Salicylic Acid	50 "
14. Potassium	80 "
15. Oxide of Zinc	10 "
16. Salicylic Acid	6 "
17. Oxide of Zinc	10 "
18. Iodine	5 "

POWDERS.

1. PULVIS ACID BENZOIC ET AMYGD.

Powdered Benz. Acid } of each equal part.
 Sugar

2.—PULVIS ACID BORIC CUM ZINCO.

Powdered Boric Acid	...	...	1 part.
„ Starch	...	...	3 parts.
Oxide of Zinc	...	...	2 „

3.—PULVIS ACID SALICYLIC COMP.

Salicylic Acid	...	...	3 parts
Powdered Starch	...	...	10 „
„ Talc	...	...	87 „

4.—PULVIS CALOMEL COMP.

Calomel	...	...	2 parts.
Powdered Boric Acid	...	...	7 „
„ Starch	...	...	7 „

5.—PULVIS RHEI HYDRARGYRATA.

Mercury with Chalk	...	...	1 part.
Bicarbonate of Sodium	...	...	2 parts.
Powdered Rhubarb	...	...	2 „

SAPONIS SOLUTIO.

Soft Soap	...	...	1 ounce.
Methylated Spirit	...	...	2 ounces.

TABELLÆ.

TABELL ARSENIC COMP.

Arsenious Acid	...	...	$\frac{1}{100}$ grain.
Dried Sulphate of Iron	...	...	1 grain.
Sulphide of Calcium	...	...	$\frac{1}{4}$ grain.
Extract of Gentian	...	...	2 grains.

Blaud's Pills	...	...	5 grains.
Blue Pill	...	$\frac{1}{10}$ grain,	$\frac{1}{2}$ grain.
Cascara Sagrada	...	...	2 grains.
Didymin	...	...	5 grains.
Hyd. cum Creta	$\frac{1}{10}$ grain,	$\frac{1}{4}$ grain,	
	$\frac{1}{2}$ grain,	1 grain,	2 grains, 3 grains
Hyd. cum Creta et Pulv. Ipecac. Co.		of each	$\frac{1}{2}$ grain, 1 grain.
Hyd. Iod. Rub.	...	...	$\frac{1}{10}$ grain.
Hyd. Subchloride (Calomel),			
	$\frac{1}{10}$ grain,	$\frac{1}{4}$ grain,	$\frac{1}{2}$ grain, 1 grain, 2 grains.
Ichthyol	...	$2\frac{1}{2}$ grains,	5 grains.
Medulla	...	$1\frac{1}{2}$,,	5 ,,

Pharmaceutical Formulas

- Mullein Compound - Bone Marrow, 1 grain
- Mullein and Chalk, 1 grain
- Compound
Liquor Powder, 1 grain
- ... 5 grains
- ... 1 grain, 1 grain
- ... 1 grain, 2 grains
- ... 1 grain, 2 grains
- ... 3 grains, 1 grain, 2 grains
- ... 3 grains, 1 grain
- ... 3 grains
- ... 3 grains, 3 grains
- ... 1 grain, 2 grains

TABELLE

TABELL AUSEWIC' COMP.

Acetic Acid	1 ounce
Dried Residue of Iron	1 grain
Residue of Calcium	1 grain
Residue of Sodium	2 grains

Magnesium Sulphate	1 ounce
Sulphuric Acid	1 ounce
Calcium Sulphate	1 ounce
Diphosphate	1 ounce

Hydrochloric Acid	1 ounce
Hydrochloric Acid	1 ounce
Hydrochloric Acid	1 ounce

Hydrochloric Acid	1 ounce
Hydrochloric Acid	1 ounce
Hydrochloric Acid	1 ounce

Hydrochloric Acid	1 ounce
Hydrochloric Acid	1 ounce
Hydrochloric Acid	1 ounce

TABELLÆ—*continued.*

Medulla Compound—Bone Marrow, 1 grain ;
 Mercury with Chalk, 1 grain ; Compound
 Ipecac. Powder 1 grain.

Phenacetin 5 grains.

Pilocarpin $\frac{1}{10}$ grain, $\frac{1}{8}$ grain, $\frac{1}{4}$ grain.

Potassium Permanganate 1 grain, 2 grains.

Quinine Bisulph., 1 grain, 2 grains,
 3 grains, 4 grains, 5 grains.

Resorcin 3 grains, 1 grain.

Salol 5 grains.

Salicylate of Soda ... 5 grains, 3 grains.

Thyroid Gland $1\frac{1}{2}$ grains, $2\frac{1}{2}$ grains.

