

Creolin Gauze, 4 per cent.

Creolin.....gr.	50
Water, distilled....."	1450
Gauze.....(22-25 m.)"	1000

Saturate, press out to the weight of 2,250 grams, and dry.

Dermatol Gauze, 10 per cent.

Resin.....gr.	250
Alcohol, 90 per cent....."	1000
Glycerin....."	200
Gauze.....(22-25 m.)"	1000
Dermatol....."	100

Dissolve the resin in the alcohol, add the glycerin, and impregnate the gauze by kneading for some time and weighing repeatedly. Spread the moist gauze out flat in pieces of the desired lengths, and sprinkle over it the dermatol as evenly as possible. Gather on a reel and allow to remain for twenty-four hours.

Eucalyptus Gauze, 4 per cent., Lister.

Oil eucalyptus.....gr.	40
Danimar resin....."	240
Paraffin....."	360
Gauze.....(22-25 m.)"	1000

Proceed as described under Lister's carbolized gauze.

Eucalyptus Gauze, 7.5 per cent., Nussbaum.

Oil eucalyptus.....gr.	100
Alcohol absolute....."	500
Water, distilled, hot....."	900
Gauze.....(22-25 m.)"	1000

Saturate, press out to the weight of 2,250 grams, and dry.

Iodoform Gauze, 20 per cent., V. Billroth.

Iodoform (impalpable).....gr.	200
Gauze.....(22-25 m.)"	1000

Sprinkle evenly over the surface of the gauze and rub in dry.

Adhesive Iodoform Gauze, 50 per cent., V. Billroth.

Resin.....gr.	300
Alcohol, 90 per cent....."	900
Ether....."	100
Glycerin....."	150
Gauze.....(22-25 m.)"	1000
Iodoform (impalpable)....."	500

Dissolve the resin in the alcohol and ether, add the glycerin, immerse the gauze, and knead and weight for three hours, as described in the introduction. Then spread out and sprinkle evenly over the surface of the still moist gauze the iodoform. Gather on a reel and let dry for twenty-four hours, excluding the daylight. To prepare extemporaneously sprinkle 20 grams of iodoform over one square metre of Lister's carbolized gauze (five per cent.) and rub in the powder.

Iodoform Gauze, 10 per cent., V. Mosetig.

Iodoform.....gr.	100
Ether....."	700
Alcohol, 90 per cent....."	700
Gauze.....(22-25 m.)"	1000

Saturate the gauze with the solution, wrap in parchment paper, cover with a weight, and after several hours gather on a reel, allowing to dry under exclusion of daylight.

To increase the percentage-strength, the same process is repeated as often as required. The gauze must be absolutely

free from starch, lest the iodoform be decomposed. When such a fabric is not at hand, the risk can be avoided by first impregnating the same with a 0.25 per cent. sodium thiosulphate solution and drying.

Iodol Gauze, 10 per cent.

Iodol.....gr.	100.0
Alcohol, 90 per cent....."	1950.0
Glycerin....."	50.0
Gauze.....(22-25 m.)"	1000.0

Dissolve the iodol in the alcohol with the aid of a gentle heat (50°C.), and gradually add the glycerin, saturate the gauze with the solution, wrap in parchment paper and cover with a weight. After six hours gather on a reel, or suspend in a dark room until dry. The same remarks as to the presence of starch in the gauze apply here. The strength may be varied by increasing or decreasing the amount of iodol.

Naphthalin Gauze, 20 per cent.

Naphthalin.....gr.	200.0
Resin....."	100.0
Alcohol, 90 per cent....."	1200.0
Gauze.....(22-25 m.)"	1000.0

Effect solution by the aid of a gentle heat, immerse the gauze in warm solution, knead and cover with a weight, as explained in the introduction, for three hours, gather on a reel, and allow to dry for twenty-four hours. Pack immediately. Expression is unadvisable, for, with the reduction of temperature, the naphthalin would instantly crystallize out.

Resorcin Gauze, 20 per cent.

Resorcin.....gr.	120.0
Glycerin....."	120.0
Alcohol, 90 per cent....."	460.0
Water, distilled....."	800.0
Gauze.....(22-25 m.)"	1000.0

Immerse the gauze in the solution, press out to the weight of 2,250 grams, and hang up to dry.

Salicylated Gauze, Thiersch.

(a) 4 per cent.	
Salicylic acid....."	48.0
Alcohol, 90 per cent....."	450.0
Water, distilled, warm....."	1000.0
Gauze.....(22-25 m.)"	1000.0

Immerse the gauze in the solution, press out to the weight of 2,250 grams, and hang up to dry.

(b) 10 per cent.	
Salicylic acid.....gr.	120.0
Alcohol, 90 per cent....."	680.0
Water, distilled, warm....."	700.0
Gauze.....(22-25 m.)"	1000.0

Salicylated Gauze, V. Bruns, Jun.

(a) 5 per cent.	
Salicylic acid.....gr.	60.0
Resin....."	12.5
Castor oil....."	12.5
Alcohol, 95 per cent....."	1450.0
Gauze.....(22-25 m.)"	1000.0

Immerse the gauze, press out to the weight of 2,250 pounds, gather on a reel, and allow to dry.

(b) 10 per cent.	
Salicylic acid.....gr.	120.0
Resin....."	25.0
Castor oil....."	25.0
Alcohol, 95 per cent....."	1330.0
Gauze.....(22-25 m.)"	1000.0

Proceed as in the foregoing.

Salol Gauze, 50 per cent.

Prepare in the same manner as v. Billroth's adhesive 50 per cent. iodoform gauze.

Sero-sublimate Gauze, Lister.

(Albuminate of Mercury Gauze.)

Mercuric chloride, in very fine powder.....gr.	6.0
Horse-blood serum....."	600.0
Water, distilled....."	900.0
Gauze.....(22-25 m.)"	1000.0

Triturate the mercuric chloride with the serum until solution is effected, add the water, immerse the gauze, press out to the weight of 2,250 grams, and hang up to dry under exclusion of daylight.

In case of necessary solution of albuminate of mercury may be employed, when the directions would be as follows:

Mercuric chloride.....gr.	6.0
Sodium chloride....."	24.0
Egg albumen....."	90.0
Water, distilled....."	1460.0
Gauze.....(22-25 m.)"	1000.0

Beat the white of egg to a froth, and when again liquefied mix it with the water. In this dissolve by trituration the mercuric and sodium chlorides, strain through a dense linen cloth, immerse the gauze, press out to the weight of 2,250 grams and dry as above.

Another substitute for horse-blood serum is the dry blood albumen of commerce, 1 part of which dissolved in 9 parts of water represents 10 parts of fresh serum.

Mercuric Chloride Gauze, German Military.

Mercuric chloride.....gr.	50.0
Alcohol, 90 per cent....."	5000.0
Water, distilled....."	7500.0
Glycerin....."	2500.0
Fuchsin....."	0.5
Gauze.....(about) m."	400.0

Immerse the gauze in the solution, put through a wash-wringer and dry under exclusion of daylight.

Mercuric Chloride Gauze, 0.333 per cent., Bergmann.

Mercuric chloride.....gr.	4.0
Alcohol, 90 per cent....."	150.0
Glycerin....."	150.0
Water, distilled....."	1200.0
Gauze.....(22-25 m.)"	1000.0

Immerse the gauze in the solution, press out to the weight of 2,250 grams, and hang up to dry under exclusion of daylight.

Mercuric Chloride Gauze, 0.25 per cent., Maas.

Mercuric chloride.....gr.	2.5
Sodium chloride....."	500.0
Glycerin....."	200.0
Water, distilled....."	1200.0
Gauze.....(22-25 m.)"	1000.0

Pour the solution over the gauze, knead thoroughly subject to pressure for one hour, and hang up to dry under exclusion of daylight.

Prepare 0.5 per cent. gauze by using 5 grams of mercuric chloride.

Tannin Gauze, 50 per cent.

Tannin.....gr.	500.0
Alcohol, 90 per cent....."	600.0
Water, distilled....."	600.0
Gauze.....(22-25 m.)"	1000.0