

FRENCH MEASURES AND WEIGHTS.

As it is our intention to publish, from time to time, interesting articles selected from the French Medical Journals, we have great pleasure in acceding to the request of one of our esteemed confrères, in inserting the following Tables, extracted from the last edition of *Malgaigne's Surgery*. From it, the Practitioner in this Country will be enabled to appreciate the quantities of the different remedies mentioned in the French Prescriptions.

MEASURES OF LENGTH.*

New Measures.	Approximate Value.	Exact Value.		
		Feet.	Inches.	Lines.
1 Millimètre.	1 Half-Line.	0	0	0.443
1 Centimètre.	4½ Lines.	0	0	4.433
1 Décimètre.	3 Inches 8 Lines.	0	3	8.330
1 Mètre.	3 Feet 1 Inch.	3	0	11.296
Old Measures.	Approximate Value.	Exact value.		
1 Line.	2 Millimètres.	2 Millim.		256
1 Inch.	3 Centimètres.	27		072
1 Foot.	32 Centimètres.	324		864
1 Ell (<i>aune</i>).	1 Mètre 18 Centimètres.	1188		
The English Inch.	2½ Centimètres.	25 Millim.		399
The English Foot.	30 Centimètres.	304		794
The Yard. (3 Feet.)	91 Centimètres.	914		383

MEASURES OF WEIGHT.

New Measures.	Approximate Value.	Exact Value.			
		lbs.	oz.	gros.	grs.
1 Centigramme.	½ Grain.	0	0	0	0.19
1 Décigramme.	2 Grains.	0	0	0	1.88
1 Gramme.	20 Grains.	0	0	0	18.82
10 Grammes.	2½ Gros.	0	0	2	44.28
100 Grammes.	3 Ounces 2 Gros.	0	3	2	10.80
1 Kilogramme.	2 Pounds.	2	0	5	35.15
Old Measures.	Approximate Value.	Exact Value.			
1 Grain.	5 entigrammes	0	Grammes		033
1 Gros.	4 rammes.	3			82
1 Ounce.	30 Grammes.	80			59
1 Pound.	500 Grammes.	489			50

* The following table shows the exact relation between the new French and the English Measures of Length and Weight.

Measures of Length.	
Mètre, the 1-10,000,000th part of the arc of the Meridian from the pole to the equator.	39.370788 inches. 3 280899 feet. 1.093683 yard.
Décimètre, 1-10th of a mètre	3.937079 inches.
centimètre, 1-100th of a mètre.	0.393708 inch.
millimètre, 1000th of a mètre.	0.03937 inch.
Measures of Weight.	
Kilogramme, weight of one cubic decimètre of water of the temperature of 39° 12' Fahr.	2.6803 lb. troy. 2.2055 lb. avoirdupois 1.5438 grains troy.
Gramme, 1-1000th part of a kilogramme.	0.9719 scruples. 0.032 ounce troy.
Décigramme, 1-10,000th of a kilogramme	1.5438 grain troy.
Centigramme, 1-100,000th	0.1543 grain troy.