

MODERN STATE IN MARKET OF CATHETERS IN UKRAINE

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Catheters were used by mankind since ancient times. Ancient Greek physicians used hollow metal tubes which were introduced through urethra into a bladder for its discharging. There is an opinion, that elaboration of the first catheter is attributed to Erasistratus (3rd century B.C.).

Catheter (Greece “katheteruri” – to lower down) is medical instrument in a form of tube, intended for discharging or introducing of liquids (e.g. medicinal products) and radiopaque substances into natural canals and cavities of a body, blood and lymphatic vessels, and also for withdrawing of contents with the diagnostic or medical purpose.

The objective of the given work is to study classification of catheters which are used in medicine now and also countries-manufacturers and firms which deliver these commodities to the domestic market of Ukraine.

One can distinguish the following kinds of catheters: soft (which are made of rubber or plasticized polyvinylchloride) and rigid ones (for example, made of metal).

It's possible to allocate two main groups of catheters: vascular and cavitary ones. To the latter one can attribute widely used urinary catheters intended for inserting into urethral canal with the purpose of bladder discharge when it's impossible in natural way. Vascular catheters include central and peripheral venous and arterial cannulas. They are intended for introducing of medicinal solutions into blood flow (or for withdrawing of blood for one or another purpose - for example, for detoxication) and inserted through skin.

There are about 504 trade names of products of this kind. The firms-manufacturers of catheters which are most claimed by consumers includes: Jiangsu SUYUN Medical Materials, Unomedical, Galmed, B. Braun, BD, Apexmed International, SURU International, ANIOS, Perouse Medical, Rusch, the Alphabet, 3M, Flexicare, Simurg, Unox, Minimed, Teleflex, Bard, Technocomplex, Kammed. By consumer demand and amount of production bought in Ukraine the sequence of countries-manufacturers is the following: Ukraine, China, Germany, Poland, Byelorussia, France, Russia, Great Britain, India, Italy, Netherlands, Slovakia, Egypt.

As it can be seen from the submitted list of countries, Ukraine takes important value for our consumers. Therefore potential for promotion of science and manufacturing technologies of catheters in our country constantly grows.