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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 13074-2024

Replacing GB/T 13074-2009

Blood purification terminology

血液净化术语

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1.Structure and drafting rules for standardization documents" Drafting. This document replaces GB/T 13074-2009 "Blood Purification Terminology". Compared with GB/T 13074-2009, except for the structural adjustment and editing Except for the modification, the main technical changes are shown in Appendix A. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed by the State Food and Drug Administration. This document is under the jurisdiction of the National Technical Committee for Standardization of Medical Extracorporeal Circulation Equipment (SAC/TC158). This document was drafted by: Guangdong Medical Device Quality Supervision and Inspection Institute, Guangzhou Kangsheng Biotechnology Co., Ltd., Chongqing Shanwaishan Blood Purification Technology Co., Ltd., Shandong Weigao Blood Purification Products Co., Ltd., Bain Medical Equipment (Guangzhou) Co., Ltd., Jiangxi Sanxin Medical Technology Co., Ltd., B. Braun Aldron (Shanghai) Trading Co., Ltd., and Suzhou Baxter Medical Supplies Co., Ltd. The main drafters of this document are. He Xiaofan, Hu Xianghua, Wu Shaohai, Xie Yan, Huang Minju, Xu Suhua, Shi Zhenwei, Luo Qingfeng, Wang Jing, Yin Lianghong, Liu Jun, Yang Zhenggen, Gao Guangyong, Zou Liang, Liao Lei, Liu Bingrong, Li Xiaoyan, and Meng Qinghai. The previous versions of this document and the documents it replaces are as follows:

--- First published as GB/T 13074-1991 in.1991, first revised in.2009;

---This is the second revision. Blood purification terminology

1 Scope

GB/T 13074-2024 is the Chinese national standard on blood purification terminology, in the field of generalities, terminology and documentation. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 26 October 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 November 2025. Classification: ICS 01.040.11, CCS C45. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines hemodialysis, hemofiltration, hemodiafiltration, hemoconcentration, hemoperfusion and plasma exchange, and peritoneal dialysis. Related terms and definitions. This document applies to hemodialysis, hemofiltration, hemodiafiltration, hemoconcentration, hemoperfusion and plasma exchange, and peritoneal dialysis Related scientific research design, production, maintenance, management, teaching, clinical and other aspects.

2 Normative references

This document has no normative references.

3.1 Common terms

3.1.1 blood purification Technologies that treat certain diseases by removing harmful substances from the blood, including hemodialysis, hemofiltration, hemodiafiltration, and hemoperfusion. effusion, plasma exchange and peritoneal dialysis, etc.

3.1.2 diffusion The process of solute transport across a semipermeable membrane under the influence of a concentration gradient.

3.1.3 convection The process in which the solute passes through the semipermeable membrane along with the filtrate under the action of pressure gradient or transmembrane pressure.

3.1.4 osmosis The process of solvent moving from low concentration to high concentration through a semipermeable membrane.

3.1.5 reverse osmosis The process of applying external pressure to resist osmosis and reverse flow.

3.1.6 Ultrafiltration; UF The process of removing fluid from the blood across a semipermeable membrane under the action of transmembrane pressure.

3.1.7 Net fluid removal The patient has decreased body fluids.

3.1.8 sieving coefficient The ratio of the concentration of the same solute in the filtrate to that in the blood at the same time point.