

Safe installation and operation of haemodialysis and peritoneal dialysis in a home setting



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CSA Z364.5:22

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Preface

This is the third edition of CSA Z364.5, *Safe installation and operation of haemodialysis and peritoneal dialysis in a home setting*. It supersedes the previous editions published in 2017 and 2010.

Home haemodialysis and peritoneal dialysis (home dialysis) are installed and carried out through a variety of practices. While the basic requirements are fundamentally similar among organizations, methodologies can vary. This Standard has been developed to provide nephrology personnel with a Standard for improving the quality of home haemodialysis and peritoneal dialysis treatment, and to provide expert guidance to Canadians undergoing these treatments.

The major differences between this edition and the previous edition include

- a) new requirements in Clause [14.4](#) for generators used to provide power in home settings;
- b) new requirements in Clause [16.5](#) for remote monitoring;
- c) a new Annex [B](#) that provides an example of a home assessment checklist, with accompanying edits to Clause [5](#);
- d) a new Annex [C](#) that provides further guidance when installing generators in home settings;
- e) new requirements on using risk management when performing initial home assessments and repeating them on a regular basis; and
- f) updated standard references throughout the Standard.

CSA Group acknowledges that the development of the second edition of this Standard was made possible by the financial support of the governments of Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland and Labrador, Northwest Territories, Nova Scotia, Nunavut, Ontario, Prince Edward Island, Québec, Saskatchewan, and Yukon, as administered by the Canadian Agency for Drugs and Technologies in Health (CADTH).

This Standard was prepared by the Subcommittee on Quality Management for Kidney Dialysis, under the jurisdiction of the Technical Committee on Kidney Dialysis and the Strategic Steering Committee on Health Care Technology & Systems, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

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