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Dentistry — Screening method for erosion potential of oral rinses on dental hard tissues

Médecine bucco-dentaire — Méthode de criblage de l'érosion potentielle des tissus durs dentaires due aux rinçages oraux



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Foreword

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The committee responsible for this document is ISO/TC 106, *Dentistry*, Subcommittee SC 7, *Oral care products*.

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Introduction

This International Standard describes a screening method for assessing the erosion potential of dental hard tissues associated with the use of oral rinses.

The primary aim of this International Standard is to provide methodology for screening oral rinses for the potential for tooth erosion.

Oral rinses should not cause adverse reactions to the oral soft and hard tissues when used in accordance with the manufacturer's recommendation for frequency and duration of use.

The range of known side effects and biological hazards is wide and complex. The tissue interaction with a constituent material alone cannot be considered in isolation from the overall device design. Thus, in designing an oral rinse, the choice of the best material with respect to its tissue interaction might result in a less functional product, tissue interaction being only one of a number of characteristics to be considered in making that choice. Where a material is intended to interact with tissue in order to perform its function, the biological response to this interaction can be evaluated.