

BS EN ISO 18397:2016



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National foreword

This British Standard is the UK implementation of EN ISO 18397:2016. It supersedes BS EN ISO 15606:2000 and BS EN ISO 22374:2005 which are withdrawn.

BSI, as a member of CEN, is obliged to publish EN ISO 18397 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK Committee voted against its approval as a European Standard.

This is because the UK Committee has concerns about two requirements in the standard.

Clause 5.19.2, Extraction force (non-screw tip only), requires that an insert shall withstand, without displacement, a minimum axial tension force of 20 N. Recent data suggests that this force would be excessive for magnetostrictive inserts which rely on an O-ring for retention, to the point that the user would find it difficult to remove the insert after use.

Clause 7.14, Resistance to reprocessing, requires that 250 reprocessing cycles are carried out as specified in the manufacturer's instruction. If the manufacturer states a lower number of permitted reprocessing cycles then the device is to withstand this number multiplied by 1,5. The UK committee has concerns that this is excessive.

The UK Committee will be seeking a solution to these issues for the next revision of the standard.

The UK participation in its preparation was entrusted by Technical Committee CH/106, Dentistry, to Subcommittee CH/106/4, Dental Instruments and Equipment.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
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