Erosive tooth wear is a growing oral health concern, challenging dental professionals to critically assess approaches to patient care. Recently, the European Federation of Conservative Dentistry generated a consensus report to assist practitioners in the diagnosis and management of erosive tooth wear. The report reviews the clinical assessment and etiology of erosive tooth wear and provides recommendations to manage the condition.

Prevention is a critical component of managing erosive tooth wear, which requires identifying contributing factors (e.g., consumption of acidic foods or beverages) and developing a plan to reduce or eliminate them. The consensus statement indicates that oral hygiene products, such as toothpastes or mouth rinses, containing stannous fluoride or stannous chloride have the potential to slow the progression of erosive tooth wear. The authors found data are limited for other products.

These findings are consistent with the extensive research program we have undertaken at P&G to evaluate the effects of various fluoride agents against the initiation and progression of dental erosion. Over the last decade we have collaborated with experts in the field to conduct in vitro and in situ studies with various fluoride products. These findings consistently show that stabilized stannous fluoride dentifrices provide statistically significantly greater protection from dental erosion than other fluoride sources, including sodium fluoride and sodium monofluorophosphate. As such, oral health professionals can feel confident including stabilized stannous fluoride dentifrices as part of an erosion management plan for their patients susceptible to erosive tooth wear. This may be even more critical for patients who find it difficult to change habits and remove erosive risk factors from their lifestyle. Delivering an effective preventive measure with an existing daily habit of toothbrushing is a simple solution that can be quickly implemented.

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Bibliography of Publications and Research Presentations Supporting Benefits of Stabilized Stannous-Based Dentifrice for Protection against Acid Erosion