RelyX Luting Plus Automix is a radiopaque, fluoride-releasing, resin-modified glass ionomer luting cement. It is delivered in a dual-barrel syringe with mixing tips for easy mixing and dispensing and is available in a white shade. It is self-curing with an option for tack curing for easy removal of excess cement. RelyX Luting Plus Automix is also available in a Clicker.

Clinical Evaluation Protocol:
A total of 116 restorations were placed over a six and a half year period between January 2011 and June 2017 using RelyX Luting Plus Automix, of which 100 have been recalled. Of the recalled restorations, 25 were in place for up to 3 years, 61 for between 3 and 5 years, and 14 for between 5 and 7 years (Figure 1).

Results at 6 years:
Results at Recall
One hundred restorations (85% of the total number placed) had been recalled and were evaluated in the following areas: resistance to marginal discoloration, esthetics, and retention. Restorations were evaluated on a 1-5 rating scale: 1 = poor, 2 = fair, 3 = good, 4 = very good, 5 = excellent.

Resistance to Marginal Discoloration
Resistance to marginal staining was rated as excellent – 97 of 100 restorations received a rating of 5 (Figure 4). Of the remaining three restorations, one had marginal caries and two had marginal discoloration.

Esthetics
Esthetics was rated as excellent, with 99 restorations receiving a 5 and one restoration receiving a 4 (the restorative material was slightly dull) (Figure 4).

Retention
Retention was rated as excellent (Figure 4). During the recall period, 3 of 100 restorations debonded. However, one debond occurred while an elevator was being applied to an adjacent tooth. Two debonds occurred spontaneously. All three restorations were recemented.

Summary
Over a six and one half year period, clinical performance of restorations cemented with RelyX Luting Plus Automix was rated as excellent. RelyX Luting Plus Automix received a clinical performance rating of 98%.