Resin-based composite (high-viscosity)

Summary of evidence and Expert Committee recommendations

The Expert Committee recommended the inclusion of resin-based composites on the core list of the EML and EMLc for use as dental sealants (low-viscosity forms) and as filling materials (high-viscosity forms) in the prevention and treatment of dental caries. The Committee noted that these products are effective and safe and have functional and aesthetic advantages compared to glass ionomer cement, however they require more specialized expertise and facilities for application. The Committee noted that the availability of effective alternatives to dental amalgam is important to enable parties to the Minamata Convention on Mercury to achieve the mandated phase-down of dental amalgam use, decreasing environmental mercury pollution.