

**Utlekking fra polymerbasert glassionomerer i saliva. H. Molvig Kopperud. Kjemi**  
Engelsk tittel: Leachables from polymer based glass ionomers in saliva.

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Project start: 2007

Collaborators: University of Oslo (Joanna von Kogeneck)

Monomers may leach out of resin based glass ionomers and may be the cause of allergic reactions. Glass ionomers are commonly used in restorative therapy of children. In this study, saliva samples will be collected from children just after restorative treatment with a resin based glass ionomer, and 1 week after. The saliva samples will be analysed for monomers with chromatographic methods. In combination with results from cell damage studies upon monomer exposure, these results will be the basis for a risk analysis of this treatment.