Assessed for eligibility (n=67)
  ➤ Excluded (n=27)
    ➤ Not meeting inclusion criteria (n=21)
    ➤ Declined to participate (n=5)
    ➤ Other reasons (n=1)
Randomized (n=40)
  ➤ Allocated to intervention (n=20)
    ➤ Received allocated intervention (n=20)
    ➤ Did not receive allocated intervention (n=0)
    ➤ Discontinued intervention (several breakage points was diagnosed across the retainer, the patients had to be referred for the placement of the new retainer. Prior to the placement of new retainers, scaling and root planning was carried out in case required, these patients were therefore excluded from further evaluation) (n=3)
  ➤ Allocated to intervention – (composite-wire) (n=20)
    ➤ Received allocated intervention (n=20)
    ➤ Did not receive allocated intervention (n=0)
Follow-Up
  ➤ Lost to follow-up (did not return for the follow-up exam, one had moved to a different city) (n=2)
  ➤ Discontinued intervention (n=3) the composite-wire was detached from the tooth surface and for retention purposes new retainer had to be placed immediately and possible need for scaling be assessed prior to the placement of the new retainer. Therefore, they had to be excluded from the study.
Analysis
  ➤ Analysed (n=15)
    ➤ Excluded from analysis (n=0)
  ➤ Analysed (n=15)
    ➤ Excluded from analysis (n=0)