Erratum to: Degradation of dental ZrO₂-based materials after hydrothermal fatigue. Part I: XRD, XRF, and FESEM analyses

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Erratum to: Dental Materials Journal 2012; 31(2): 256–265
doi:10.4012/dmj.2011-216 JOI JST.JSTAGE/dmj/2011-216

Authors would like to correct in the Discussion of above article, page 260, at the second column, where it currently reads

According to the respective manufacturers' instructions, Lava recommended sintering temperature is 1,650°C in a single program of 4 h and 40 min, while IPS sintering temperature is 1,500°C in a program of 8 h divided in three cycles: (1) 90 min; (2) 2 h 45 min; (3) 3 h 30 min. This difference in sintering temperatures may be responsible for the lower sensitivity to ageing demonstrated by the IPS material compared to Lava. In fact, Rothbrust et al. found that the ageing process was more pronounced when 3Y-TZP materials were sintered at temperatures above 1,500°C²⁵. The optimal sintering process should be performed between 1,400°C and 1,500°C to allow the material to reach satisfactory mechanical characteristics²⁶. Also, the difference in sintering temperature may be responsible for different...

IT SHOULD READ:

According to the respective manufacturers' instructions, Lava recommended sintering temperature is 1,500°C in a single program of 4 h and 48 min, while IPS sintering temperature is 1,500°C in a program of 8 h divided in three cycles: (1) 90 min; (2) 2 h 45 min; (3) 3 h 30 min. This difference in sintering regimens would not be responsible for the lower sensitivity to ageing demonstrated by the IPS material compared to Lava. In fact, Rothbrust *et al.* found that the ageing process was more pronounced when 3Y-TZP materials were sintered at temperatures above 1,500°C²⁵. The optimal sintering process should be performed between 1,400°C and 1,500°C to allow the material to reach satisfactory mechanical characteristics²⁶. Also, the difference in sintering regimen would not be responsible for different...