TRI® Scientific Whitepaper

Discoloration of the mucosa caused by different restorative materials – a spectrophotometric in vitro study

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The discoloration of the mucosa can be reduced by 46% with TRI Pink anodized titanium compared to raw titanium. The effect is comparable to zirconium*.

In this in vitro study, measurements are performed on pig jaws with a spectrophotometric camera, comparing discoloration resulting from different materials.

* Notes
  - 1mm mucoa thickness.
  - n=36
  - Zirconium selected: low translucent zirconia (Metoxit TL).
  - This is an excerpt from the original study, in agreement with the authors.
  - Preliminary data, not published yet.

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