

## Teeth Discoloration During Orthodontic Treatment

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Among the side effects that may occur during orthodontic treatment, discoloration of teeth is not more frequent than other side effects, but can embarrass patients and doctors. Discoloration, especially in the anterior teeth area, not only has a fatal effect on aesthetic problems, one of the important purposes of orthodontic treatment, but also raises serious concerns about the health of the teeth themselves. Possible treatment options when discoloration occurs are root canal treatment, prosthetics such as crown, whitening, or observation.

To date, only studies on this have been conducted mainly from a basic academic perspective using Laser Doppler that dimensional blood flow decreases when calibration is applied, and there are no clinical reports.

In this presentation, the speaker will analyze long-term clinical data and present guidelines on which teeth are discolored and prognosis, and how to deal with tooth discoloration, and introduce related papers.

### Profile

- \* Graduated from Seoul National University, Seoul, Korea
- \* Postgraduate Resident course (Oral and maxillofacial surgery) in Paik Hospital, Seoul, Korea
- \* Postgraduate Resident course (Orthodontic) and PhD in Tohoku University, Sendai, Japan.
- \* Now) Head of Smile-With Orthodontic Clinic, Seoul, Korea.
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