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## COLOR STABILITY OF PET-G IN CLEAR ALIGNERS: Impact of Prolonged Exposure to Everyday Substances and its Psychological and **Social Implications**

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Conference

The transparency and aesthetics of clear aligners are critical factors that influence patient satisfaction and psychological and social well-being. Based on our previous research on the chemical-physical characterization of polyethylene terephthalate glycol (PET-G) aligners exposed to staining agents and cleaning solutions, this study aimed to evaluate the color stability of PET-G after prolonged exposure to everyday substances, potentially due to chemical interactions affecting aligner transparency.



the NBS Units.

10 days 15 days

psychological and social implications for patients undergoing orthodontic treatment. The study underscores the need for proactive strategies to maintain aligner transparency and enhance patient satisfaction.